A1542
1974-1983

A1542

1974/83

IGSL

Statistical Report for the Fiscal Years

1974-1983

INSTITUTE OF GOVERNMENTAL
STUDIES LIBRARY

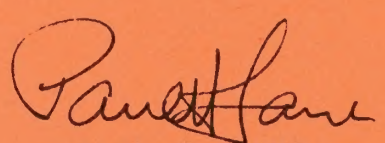
JAN 2 1986

UNIVERSITY OF CALIFORNIA

City of Los Angeles Department of Water and Power

FOREWORD

This supplemental report of the Los Angeles Department of Water and Power has been printed to furnish statistical data not included in the Annual Report for the fiscal year ending June 30, 1983. Ten-year tables are also provided for convenient comparative reference.



PAUL H. LANE
General Manager and Chief Engineer

CONTENTS

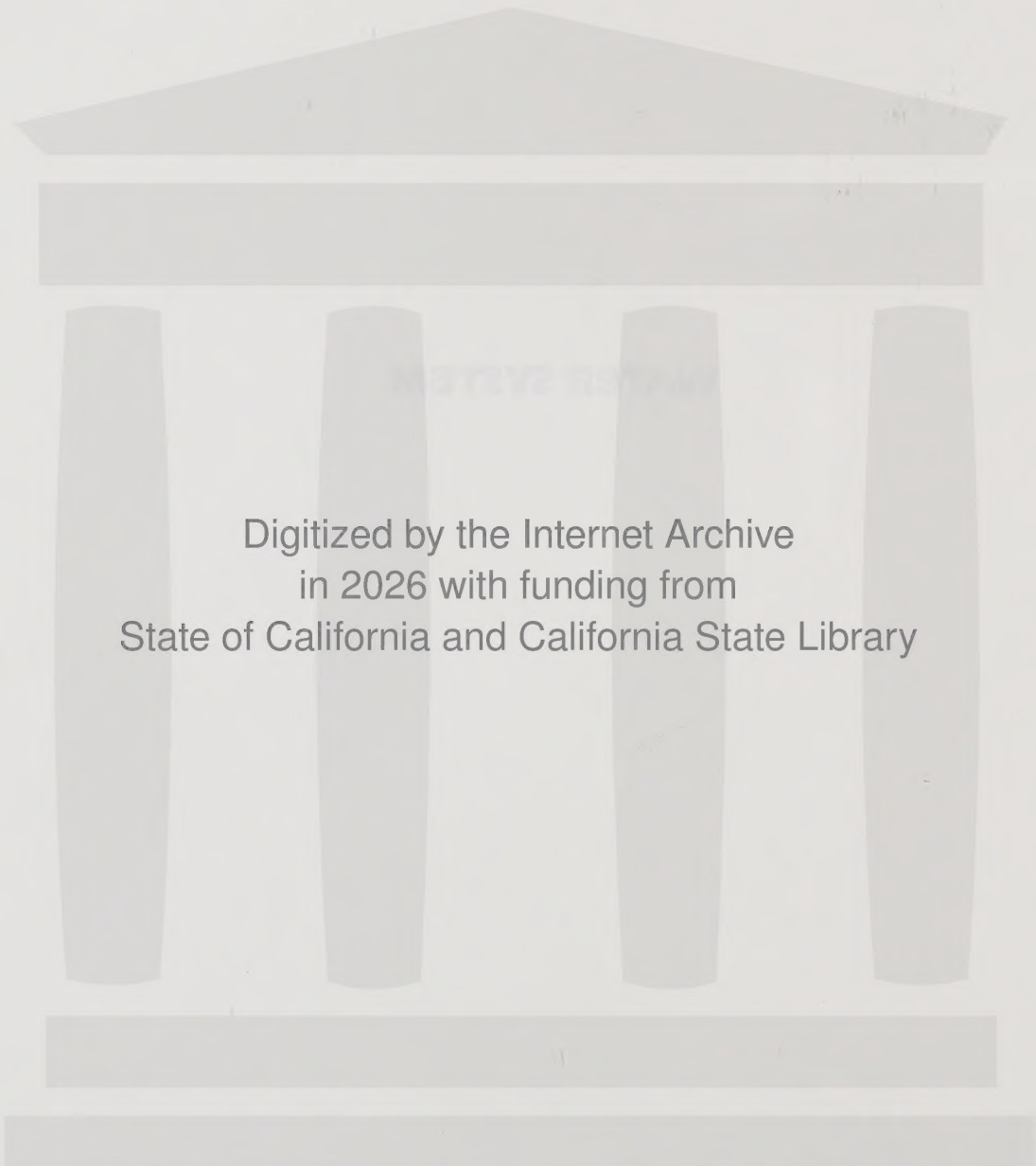
WATER SYSTEM	Page
Hydrologic Data - Los Angeles Aqueduct	1
Water Supply and Consumption	2
Water Mains and Services	3
Owens Valley Runoff, Haiwee Reservoir Outflow and Owens Valley Pumping	4
Annual Average Flow from Owens Valley Deep Wells	5
Depth to Groundwater, Rainfall and Well Water	6
Pump Horsepower, Annual Average of Pumped Water	7
Metropolitan Water District Water Purchases	8
Population, Services, Fire Hydrants, Valves, Storage and Miles of Main	9
Population, Consumption, Area and Consumption per Capita	10
Summary of Storage Facilities	11
Summary of System Pumping and Treatment Facilities	12
Total Annual Water Sales	13
Average Monthly Water Sales per Customer	14
Divisional Personnel	15
Comparative Financial Statistics (Water System)	16
POWER SYSTEM	
Generating Plants - Number and Nameplate Capacity	17
Generating Stations and Power Sources - Net System Capability in Megawatts	18
Transmission and Subtransmission Lines	19
Substations and Customer Stations	20
Low-Voltage Distribution System	21
Power Production, Sources and Disposition	22
Sales of Electric Energy	23
Energy Use and Revenue per Customer - & - Average Rate per Kilowatt-hour	24
Energy Sales (Monthly and Annual Average)	25
Revenue (Monthly and Annual Average)	26
Residential Service: Average Number of Active Accounts per Year and Average Energy Used per Customer	27
Divisional Personnel	28
Comparative Financial Statistics, Power Capacity and Output by Sources, Purchased Power, and Number of Meters	29

1000 12/83

A 1542
1974/83

INSTITUTE OF GOVERNMENTAL STUDIES LIBRARY
109 PHILOSOPHY HALL
UNIVERSITY OF CALIFORNIA
BERKELEY, CA 94720

WATER SYSTEM



Digitized by the Internet Archive
in 2026 with funding from
State of California and California State Library

https://archive.org/details/igsl_la-dwp-statistical-report_1974-83

HYDROLOGIC DATA - LOS ANGELES AQUEDUCT

CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM

For Years Ending June 30*

	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
SIERRA SNOWPACK (% Normal on April 1)										
Gem Lake Snow Course	187	No Data	89	147	106	164	23	19	101	110
Mammoth Pass Snow Course	198	138	77	155	104	157	20	44	114	122
Big Pine #1 Snow Course	190	115	68	153	94	160	28	21	86	113
Cottonwood #1 Snow Course	240	96	69	176	107	245	47	30	85	123
OWENS VALLEY AND MONO BASIN RUNOFF (% Normal)										
April-September	205E	164	76	160	92	159	42	51	92	113
October-September	196E	151	89	148	100	139	54	63	93	112
RAINFALL (inches)										
Cain Ranch (Mono Basin)	17.13	17.53	8.13	16.31	13.15	18.76	9.28	6.43	12.75	12.34
Long Valley Reservoir	21.71	15.38	7.11	14.60	8.59	20.35	6.86	5.90	6.99	10.58
Bishop (U.S.W.B)	10.00	6.51	4.99	6.16	3.31	10.98	4.69	3.62	2.76	6.32
Independence	10.21	4.42	3.49	8.66	3.16	12.69	5.11	4.75	3.03	4.91
Haiwee Reservoir	14.88	6.72	5.57	10.30	6.43	18.71	7.22	7.19	6.00	7.82
Fairmont Reservoir	25.80	18.68	9.65	21.37	25.25	41.58	16.33	6.66	13.45	12.01
Los Angeles (U.S.W.B.)	33.53	10.71	8.98	26.98	19.67	33.44	12.31	7.22	14.35	14.92
MEAN ANNUAL FLOW (cfs)										
At West Portal (Mono Basin)	18.4	167.5	126.3	143.4	210.9	88.3	78.6	136.6	164.3	165.1
Out of Haiwee	725.4	703.0	666.2	706.4	709.0	507.7	478.4	661.4	647.6	648.8
Into City	706.5	644.1	674.5	682.2	696.6	499.0	460.5	665.1	634.9	636.7
AQUEDUCT RESERVOIR STORAGE (Acre-Feet on July 1)										
Grant Lake	35000	40880	40460	27836	35420	32303	12800	20624	39865	36914
Long Valley	130100	156200	150600	146144	161698	109104	60096	105296	166604	161698
Pleasant Valley	2830	2610	2320	3031	3219	3031	3555	3412	3533	3261
Tinemaha	7980	11700	9030	14408	7174	8428	2316	1209	11780	13664
Haiwee	42510	39920	39750	42149	36008	38569	36136	40039	42437	41741
Fairmont	420	3510	3380	4213	4148	4083	5154	4716	5308	5237
Bouquet	31050	27830	0	20491	16276	23751	21671	21423	31684	30027
TOTAL	249890	282650	245540	258272	263943	219269	141728	196719	301211	292542

* Unless indicated otherwise

WATER SUPPLY AND CONSUMPTION FOR YEAR ENDING JUNE 30

FLOWS IN THOUSANDS OF ACRE FEET

Item	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
SUPPLY										
Local Wells										
Upper Basin Los Angeles River	70.3	92.2	80.1	57.2	49.8	72.0	109.1	97.7	61.2	59.0
Sylmar Basin	3.0	3.7	4.1	2.8	4.0	3.7	3.5	3.0	3.0	2.9
Central Basin	13.5	16.4	9.7	14.4	13.2	14.0	15.8	14.3	15.6	12.2
West Coast Basin	0	0	1.3	1.4	1.6	3.0	3.8	3.3	2.5	2.5
Subtotal Local Wells	86.8	112.3	95.2	75.8	68.6	92.7	132.2	118.3	82.3	76.6
Los Angeles Aqueduct	511.5	466.3	488.3	495.2	504.3	361.1	333.3	475.7	459.7	460.9
Metropolitan Water District	25.6	34.6	45.7	21.1	18.7	45.9	108.7	25.2	32.5	25.5
Gross Supply	623.9	613.2	629.2	592.1	591.6	499.7	574.2	619.2	574.5	563.0
Less										
Release for groundwater storage	32.1	0	10.6	18.7	37.1	13.1	0	8.4	6.4	0
To (or from) local surface storage	(2.6)	4.6	1.6	(2.6)	.5	.3	8.5	(1.6)	1.1	(2.2)
Storage Diversions	29.5	4.6	12.2	16.1	37.6	13.4	8.5	6.8	7.5	(2.2)
Net Supply	594.4	608.6	617.0	576.0	554.0	486.3	565.7	612.4	567.0	565.2
DISTRIBUTION										
Producing Revenue										
Residential	215.8	250.2	251.5	242.2	236.4	201.1	262.1	280.4	261.7	261.8
Commerical and Industrial	287.6	268.2	267.9	249.3	228.3	203.2	231.0	227.7	222.8	219.2
Combined Irrigation and Domestic	0.0	0.0	0.0	0.0	0.6	0.7	1.0	1.2	1.0	1.1
Intermittent Irrigation	1.5	1.7	2.2	2.8	2.7	2.4	3.2	3.8	3.0	3.6
*Power System	1.4	2.0	3.1	3.6	3.3	2.7	3.3	2.8	3.6	4.3
*Other L.A. City Departments	19.3	21.9	22.7	20.9	19.5	16.9	21.3	26.7	22.6	21.8
*Other Governmental	15.9	16.7	17.3	15.3	14.6	13.0	16.1	16.2	13.6	15.6
Other Water Utilities	0.1	0.1	0.0	0.0	0.0+	0.0+	4.0	0.0	0.0	0.0
Subtotal Producing Revenue	541.6	560.8	564.7	534.1	505.4	440.0	542.0	558.8	528.3	527.4
Nonrevenue										
Purpose of Enterprise	0.4	0.7	0.5	0.4	0.4	0.4	0.6	0.9	0.5	0.6
Net reservoir evaporation loss	1.3	2.7	2.5	2.1	2.9	1.6	2.5	2.7	2.0	2.2
**Others	51.1	44.4	49.3	39.4	45.3	44.3	20.6	50.0	36.2	35.0
Subtotal Nonrevenue	52.8	47.8	52.3	41.9	48.6	46.3	23.7	53.6	38.7	37.8
Total Distribution	594.4	608.6	617.0	576.0	554.0	486.3	565.7	612.4	567.0	565.2
AVERAGE POPULATION SERVED (Millions)***	3.064	3.062	2.989	2.980	2.937	2.924	2.861	2.848	2.786	2.836
GALLONS PER CAPITAL PER DAY										
Net Demand	173.3	177.4	183	172	168	148	176	191	182	178
Excluding Intermittent Irrigation	172.7	176.9	183	171	168	148	175	190	181	177

NOTES: *These items total to the quantities shown as "Governmental" in statistics relating to water sales.
**Meter discrepancies, reservoir seepage, main leaks and other minor uses and losses
***Average population served 1972-73 adjusted to conform with 1970 census date, 1973-74 adjusted to conform with Los Angeles County Regional Planning Commission data, 1974-75 based on State Department of Finance data, 1975-76 through 1981-82 based on City Planning Department estimates.

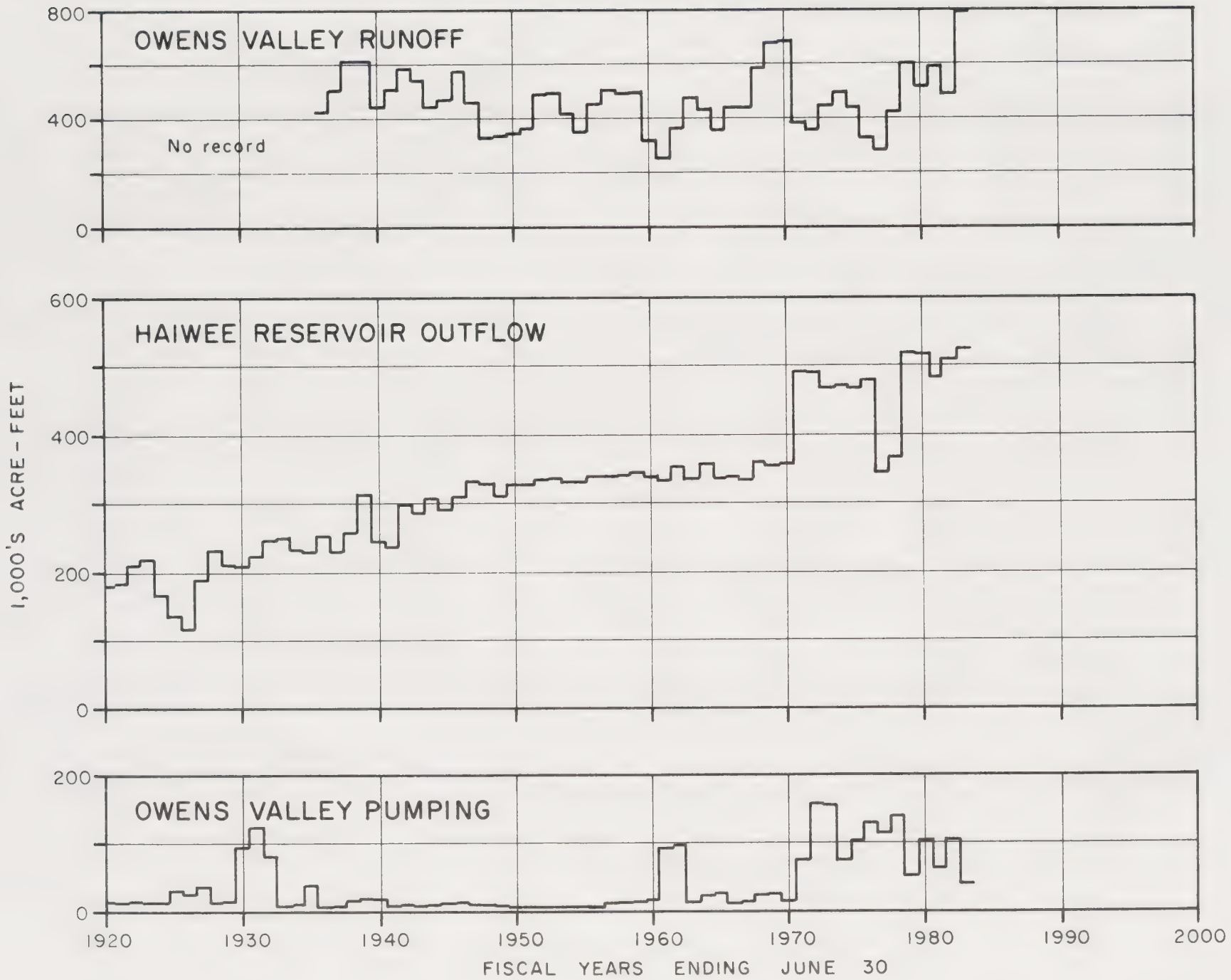
LOS ANGELES WATER MAINS AND SERVICES

City of Los Angeles – Department of Water and Power – Water System

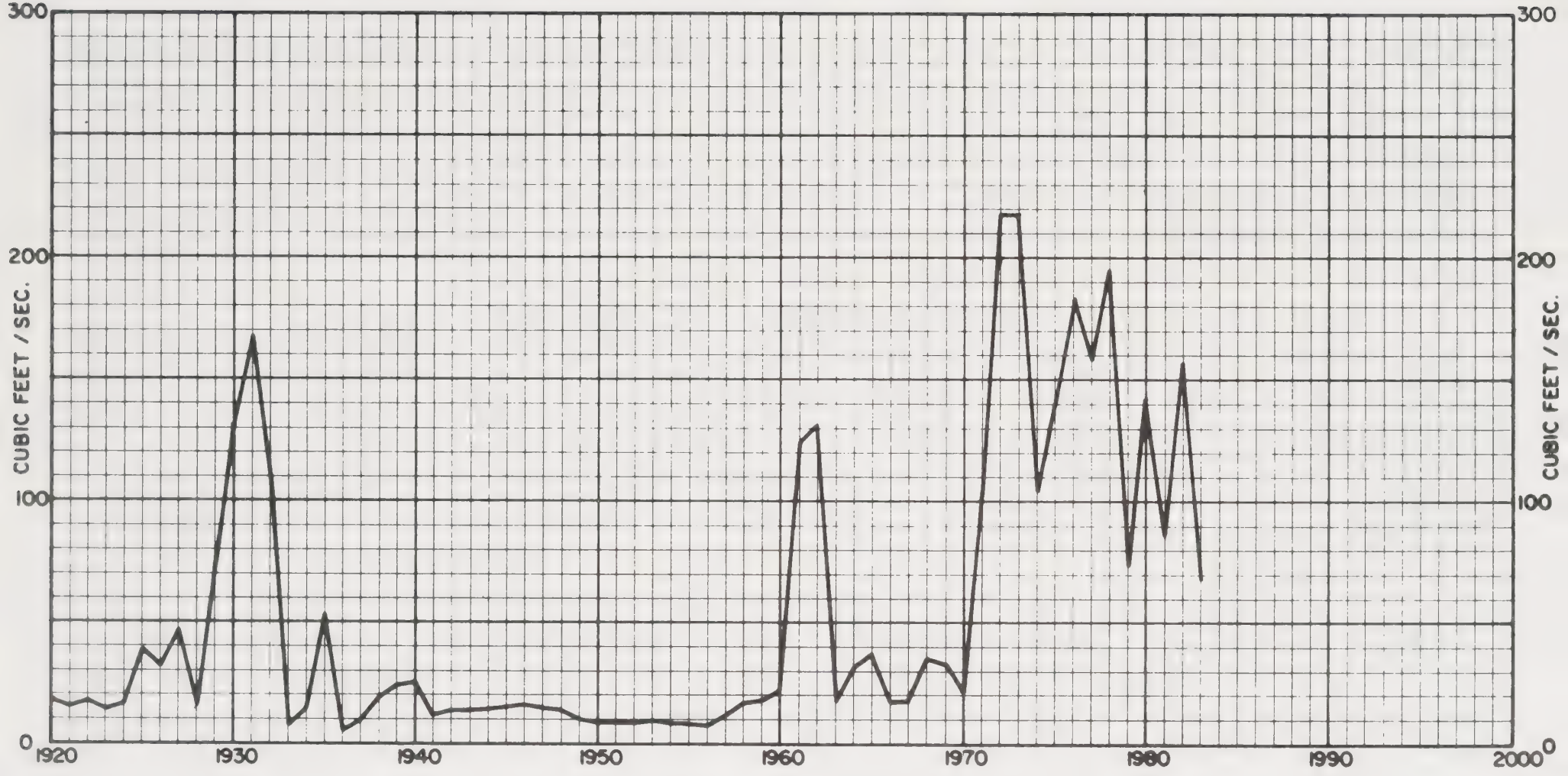
	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
						Feet of Pipe by Size on June 30				
MAINS IN SYSTEM* (Diam.-inches)										
Under 4	265,545	270,349	277,784	296,867	298,124	301,438	302,357	321,046	320,457	324,497
4	4,336,510	4,354,987	4,380,119	4,405,918	4,418,246	4,429,704	4,403,360	4,434,579	4,506,936	4,594,072
6	15,909,780	15,895,787	15,877,472	15,837,756	15,813,151	15,779,054	15,699,978	15,659,834	15,629,397	15,608,124
8	8,977,623	8,949,385	8,921,227	8,861,541	8,812,082	8,788,397	8,725,533	8,680,242	8,615,957	8,551,460
12	3,970,861	3,941,396	3,918,202	3,904,532	3,894,476	3,875,039	3,838,782	3,809,450	3,780,594	3,764,864
16	824,163	826,643	817,640	815,510	814,342	812,456	812,195	811,826	805,500	802,596
20	414,109	414,106	413,916	407,811	406,454	406,454	404,146	403,861	409,262	407,441
24	573,079	572,493	572,529	572,115	572,016	574,105	565,124	565,111	564,552	560,834
30	322,677	322,209	322,203	322,203	323,876	323,801	323,767	323,168	318,556	318,258
36	473,771	468,575	466,370	466,467	467,282	466,929	466,913	466,654	475,922	468,674
48	213,851	211,912	214,116	214,695	213,081	212,744	212,744	212,744	212,744	212,514
60	402,401	388,934	388,934	388,196	388,395	388,304	388,304	388,320	388,434	380,672
78	233,208	232,772	232,772	232,772	229,173	224,941	224,941	224,919	225,084	225,283
99	8,637	8,637	8,637	7,500	7,385	6,245	6,245	6,245	6,245	5,925
120	8,693	8,693	8,693	8,693	8,693	1,838	1,838	1,838	1,838	1,838
TOTAL FEET	36,934,908	36,866,878	36,820,614	36,742,576	36,666,776	36,591,449	36,376,227	36,309,837	36,261,478	36,227,052
TOTAL MILES	6,995.2	6,982.4	6,973.6	6,958.8	6,944.5	6,930.2	6,889.4	6,876.8	6,867.7	6,861.2
						Kind of Pipe in Miles and Percent of Total on June 30				
NON-METALLIC -miles	652.5	640.1	634.8	622.8	615.1	606.2	592.8	587.5	581.1	573.5
-%	9.3	9.2%	9.1%	9.0%	8.9%	8.8%	8.6%	8.5%	8.5%	8.4%
STEEL -miles	1,054.4	1,056.6	1,056.5	1,059.5	1,052.7	1,046.6	1,040.8	1,041.4	1,033.7	1,021.7
-%	15.1	15.1%	15.2%	15.2%	15.2%	15.1%	15.1%	15.2%	15.0%	14.9%
CAST IRON -miles	5,264.9	5,262.5	5,259.4	5,254.0	5,254.8	5,255.5	5,234.1	5,226.2	5,231.2	5,244.5
-%	75.3	75.4%	75.4%	75.5%	75.6%	75.8%	76.0%	76.0%	76.2%	76.4%
COPPER -miles	23.4	23.2	22.9	22.5	22.1	21.9	21.7	21.7	21.7	21.5
-%	0.3	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
						Valves, Hydrants and Services on June 30				
VALVES ON MAINS										
Number	100,827	100,422	100,132	99,659	99,300	98,938	98,416	98,001	97,609	96,966
Per mile of main	14.4	14.4	14.4	14.3	14.3	14.3	14.3	14.2	14.2	14.1
Feet of main per valve	366.3	367.0	367.7	368.7	369.3	369.0	369.6	370.6	371.5	373.6
FIRE HYDRANTS										
Number	52,499	52,110	51,668	51,137	50,666	50,339	49,883	49,486	49,069	48,570
Per mile of main	7.5	7.5	7.4	7.3	7.3	7.3	7.2	7.2	7.1	7.1
Feet of main per hydrant	703.5	707.3	712.6	718.6	723.7	725.2	729.2	734.0	739.0	745.9
ACTIVE SERVICES										
Number	638,698	637,401	636,744	635,435	633,018	630,292	627,155	622,297	619,028	617,788
Per mile of main	91.3	91.3	91.3	91.3	91.2	91.2	91.0	90.5	90.1	90.0
Average spacing (feet)	58	58	58	58	58	58	58	58	59	59
NO. OF METERS	638,644	637,151	636,451	635,153	632,817	630,092	626,975	622,129	618,846	617,644

Quantities for nominal diameters 6 inches or greater include minor footages of next smaller intermediate diameter pipe.

Pipe data under 4-inch diameter added where available.


OWENS VALLEY RUNOFF
800
400
0
No record
HAIWEE RESERVOIR OUTFLOW
600
400
200
0
1,000'S ACRE-FEET
OWENS VALLEY PUMPING
200
0
1920
1930
1940
1950
1960
1970
1980
1990
2000
FISCAL YEARS ENDING JUNE 30

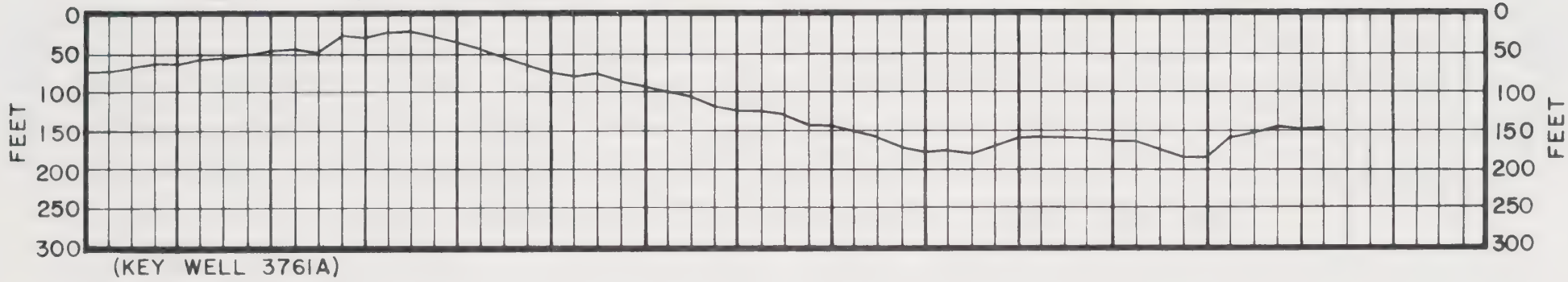
ANNUAL AVERAGE FLOW
OWENS VALLEY DEEP WELLS



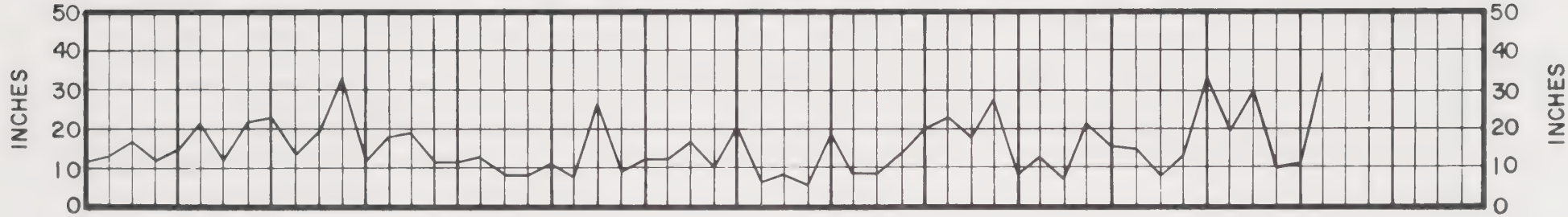
NOTE:
Includes artesian flow

Aqueduct Div. 7-29-81

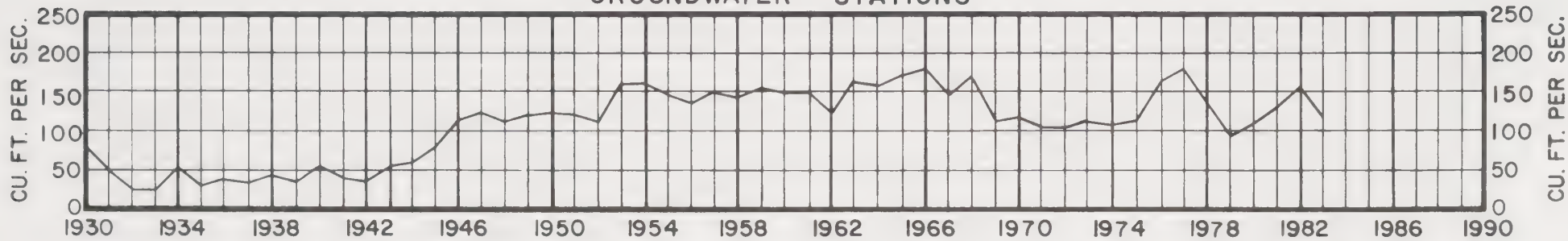
DEPTH TO GROUNDWATER IN SAN FERNANDO VALLEY WELL BASIN



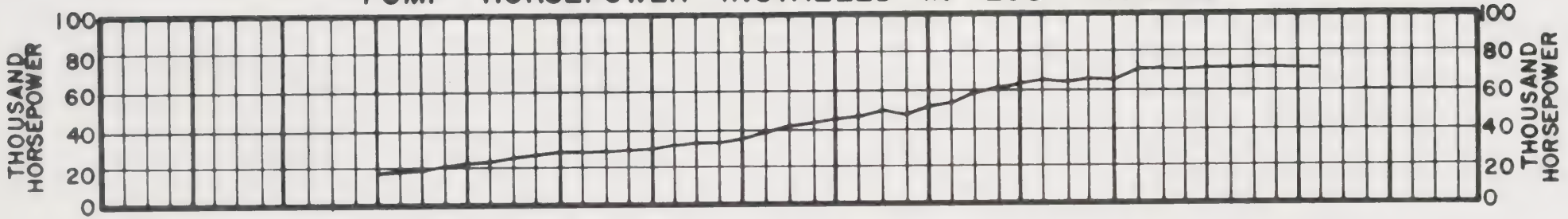
LOS ANGELES ANNUAL RAINFALL



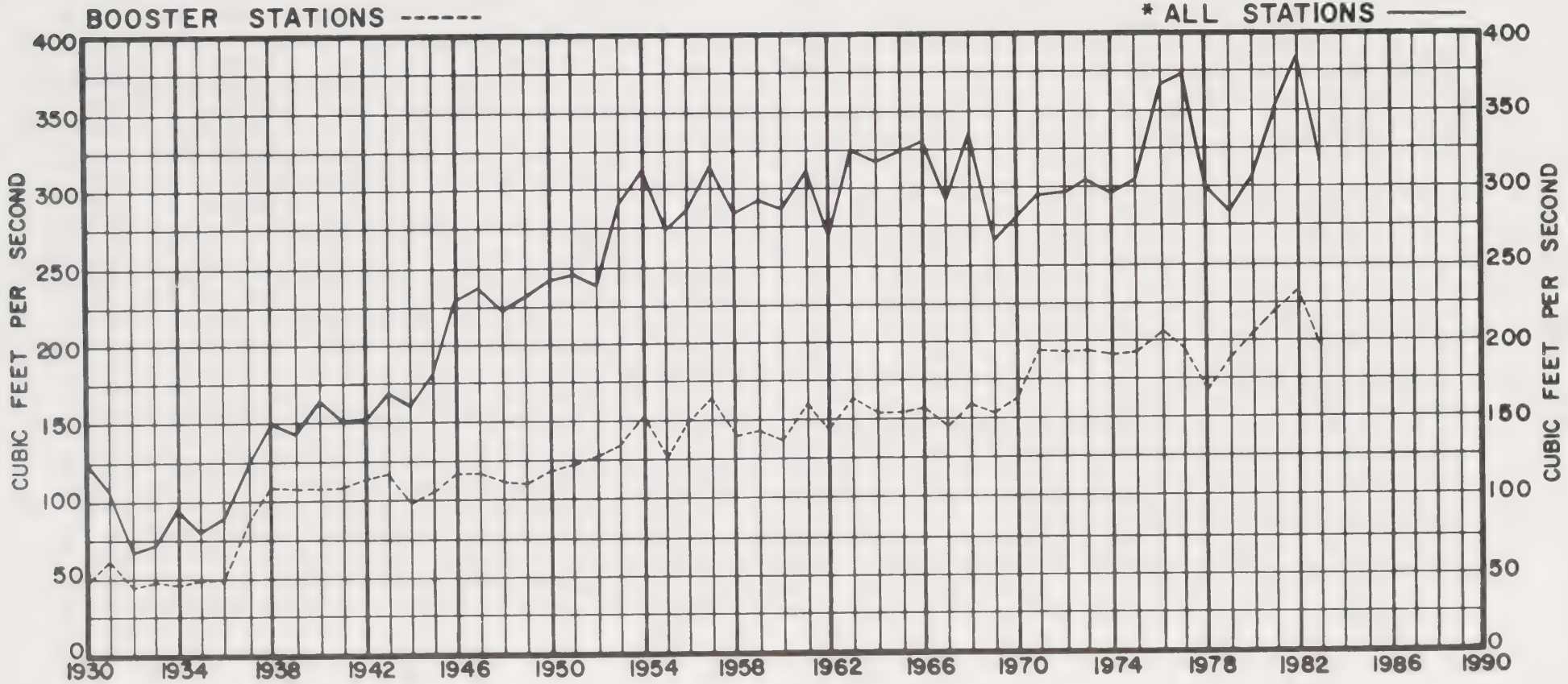
ANNUAL AVERAGE OF WATER FROM WELLS IN LOS ANGELES GROUNDWATER STATIONS



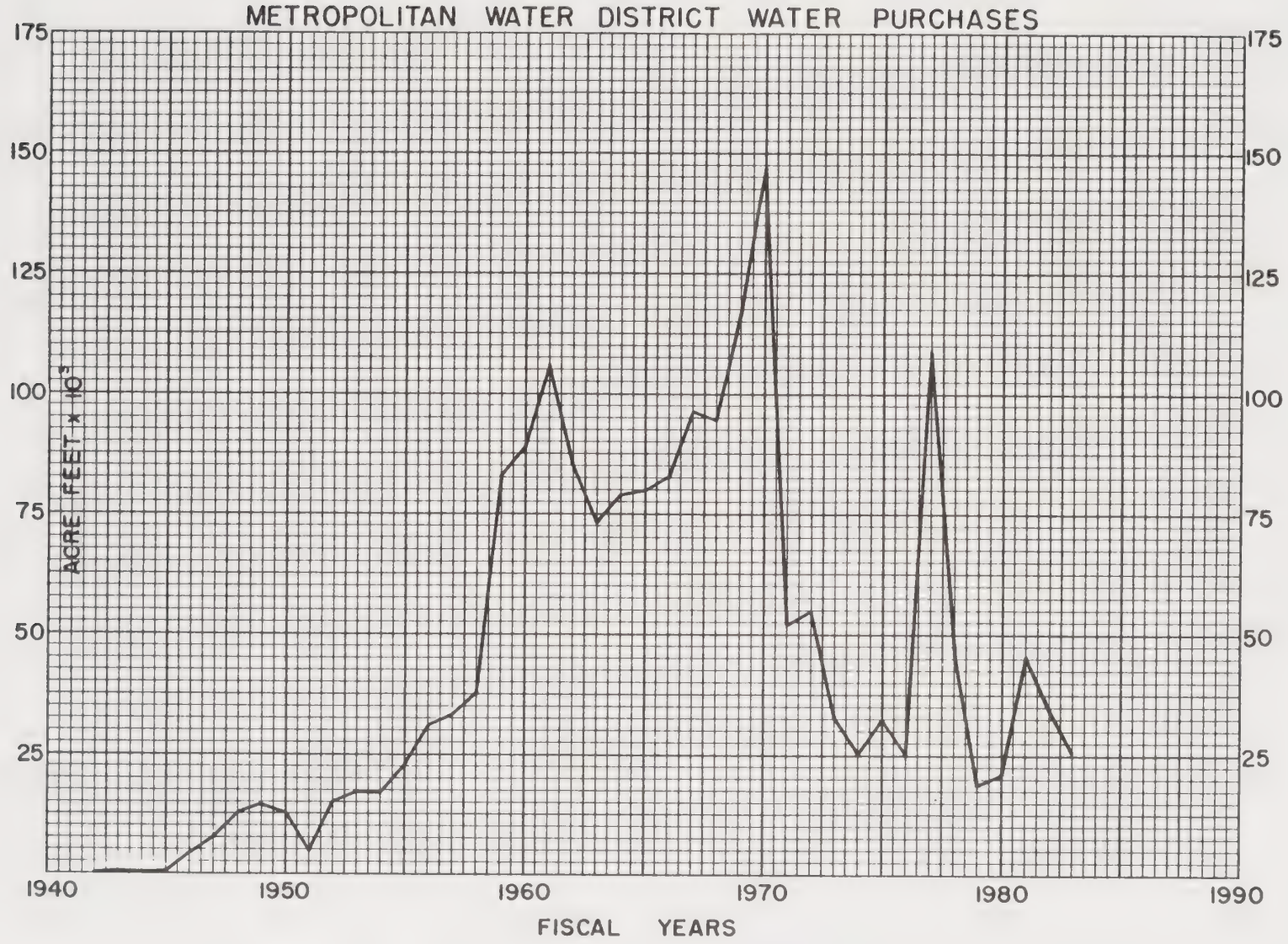
PUMP HORSEPOWER INSTALLED IN LOS ANGELES

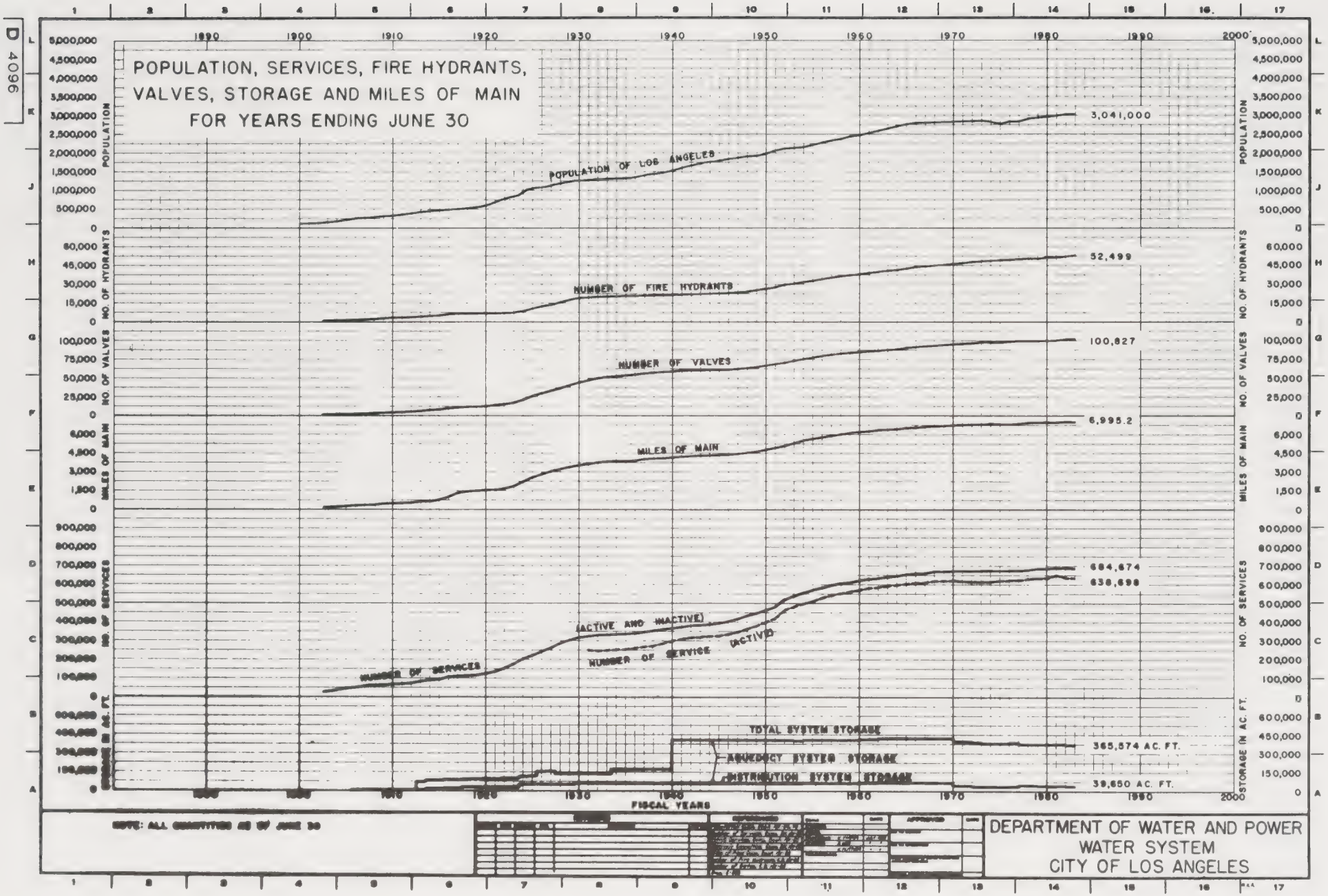


ANNUAL AVERAGE OF PUMPED WATER IN LOS ANGELES



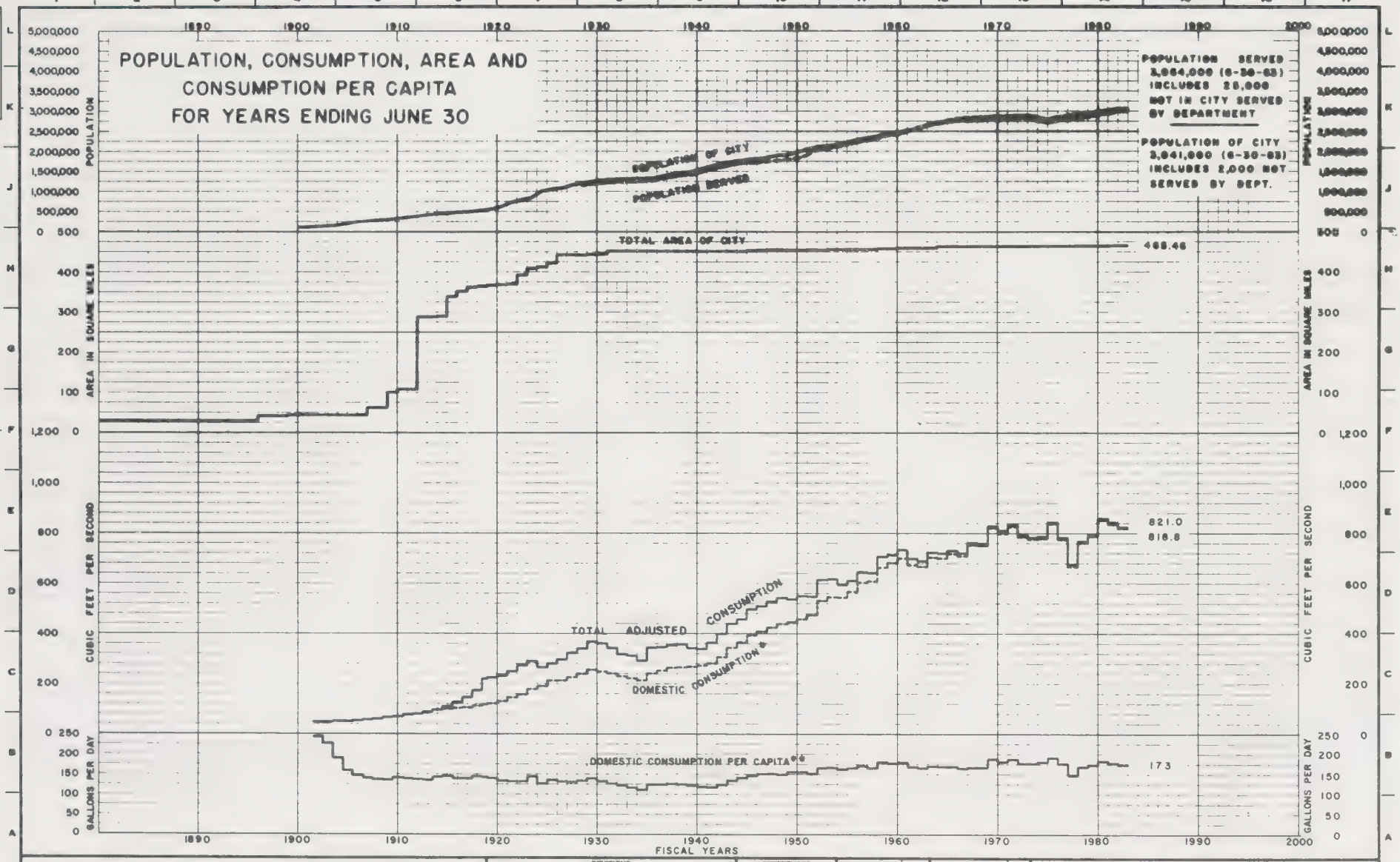
* INCLUDES GROUNDWATER STATIONS


METROPOLITAN WATER DISTRICT WATER PURCHASES
ACRE FEET x 10³
175
150
125
100
75
50
25
1940
1950
1960
1970
1980
1990
FISCAL YEARS


D 4096
POPULATION, SERVICES, FIRE HYDRANTS, VALVES, STORAGE AND MILES OF MAIN FOR YEARS ENDING JUNE 30
POPULATION
NO. OF HYDRANTS
NO. OF VALVES
MILES OF MAIN
NO. OF SERVICES
STORAGE IN AC. FT.
FISCAL YEARS
POPULATION OF LOS ANGELES
3,041,000
NUMBER OF FIRE HYDRANTS
52,499
NUMBER OF VALVES
100,827
MILES OF MAIN
6,995.2
NUMBER OF SERVICES (ACTIVE AND INACTIVE)
684,674
NUMBER OF SERVICE (ACTIVE)
638,698
TOTAL SYSTEM STORAGE
365,574 AC. FT.
AQUEDUCT SYSTEM STORAGE
DISTRIBUTION SYSTEM STORAGE
39,650 AC. FT.
NOTE: ALL QUANTITIES AS OF JUNE 30
DEPARTMENT OF WATER AND POWER
WATER SYSTEM
CITY OF LOS ANGELES

D 4095

POPULATION, CONSUMPTION, AREA AND CONSUMPTION PER CAPITA FOR YEARS ENDING JUNE 30



NOTE: ALL QUANTITIES AS OF JUNE 30
* INCLUDES UNMETERED USE AND UNACCOUNTED FOR WATER, EXCLUDES INTERMITTENT IRRIGATION
** BASED ON AVERAGE POPULATION FOR THE YEAR

REVISIONS | REFERENCES | APPROVED

DEPARTMENT OF WATER AND POWER
WATER SYSTEM
CITY OF LOS ANGELES

SUMMARY OF STORAGE FACILITIES
(RESERVOIRS AND TANKS)
CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM
NUMBER AND OPERATING CAPACITY IN ACRE-FEET ON JUNE 30

Description	1983		1982		1981		1980		1979		1978		1977		1976		1975		1974	
	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity
AQUEDUCT AREA																				
Impounding Reservoirs	6	322,443	6	323,211	6	325,949	6	325,949	6	325,949	6	325,949	6	329,821	6	342,902	6	342,902	6	342,425
Flow Regulating Reservoirs	2	3,481	2	6,530	2	6,530	2	8,097	2	8,097	2	8,097	2	9,185	2	9,185	2	9,185	2	9,185
Subtotal	8	325,924	8	329,741	8	332,479	8	334,046	8	334,046	8	334,046	8	339,006	8	352,087	8	352,087	8	351,610
CITY AREA																				
San Fernando Valley Districts																				
Major Storage Facility	11	20,441	11	20,441	11	20,441	11	20,441	12	21,421	12	21,421	11	11,252	11	11,252	11	11,252	11	11,252
Minor Storage Facility	24	61	23	58	23	58	23	58	24	58	24	58	24	58	24	58	23	58	23	58
Subtotal	35	20,502	34	20,499	34	20,499	34	20,499	36	21,479	36	21,479	35	11,310	35	11,310	34	11,310	34	11,310
Central and Western Districts																				
Major Storage Facility	18	19,010	18	18,929	18	18,929	18	18,929	18	18,995	18	18,995	18	18,984	17	17,124	17	17,208	17	17,208
Minor Storage Facility	38	91	38	91	38	91	38	91	38	91	38	91	38	91	38	91	38	91	39	88
Subtotal	56	19,101	56	19,020	56	19,020	56	19,020	56	19,086	56	19,086	56	19,075	55	17,215	55	17,299	56	17,296
Harbor District																				
Major Storage Facility	1	26	1	26	1	26	1	26	1	26	1	26	1	26	1	26	1	26	1	26
Minor Storage Facility	6	21	6	21	6	21	6	21	6	21	6	21	6	21	6	21	6	21	6	21
Subtotal	7	47	7	47	7	47	7	47	7	47	7	47	7	47	7	47	7	47	7	47
Subtotal City Area	98	39,650	97	39,566	97	39,566	97	39,566	99	40,612	99	40,612	98	30,432	97	28,572	96	28,656	97	28,653
Summary																				
Aqueduct Reservoirs	8	325,469	8	329,741	8	332,479	8	334,046	8	334,046	8	334,046	8	339,006	8	352,087	8	352,087	8	351,610
Major City Storage Facility	30	39,477	30	39,396	30	39,396	30	39,396	31	40,442	31	40,442	30	30,262	29	28,402	29	28,486	29	28,486
Minor City Storage Facility	68	173	67	170	67	170	67	170	68	170	68	170	68	170	68	170	67	170	68	167
Total Entire System	106	365,119	105	369,307	105	372,045	105	373,612	107	374,658	107	374,658	106	369,438	105	380,659	104	380,743	105	380,263

NOTE: Major reservoirs over 2.5 million gallons.
Minor storage facilities (primarily tanks) see C-1148-1-4 "Reservoir and Tank Data".

SUMMARY OF SYSTEM PUMPING AND TREATMENT FACILITIES
CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM
FOR YEARS ENDING JUNE 30

AREA AND CLASSIFICATION	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
CENTRAL AND WESTERN										
Pumping Stations	38	38	39	39	39	39	38	38	39	41
Groundwater Stations	5	5	5	5	5	5	5	5	5	5
Wells	24	24	24	24	24	24	24	24	24	20
Miscellaneous Pumping Stations	1	1	1	1	1	1	1	1	1	1
System Disinfection	14	14	18	17	18	19	19	22	21	21
Reservoir Treatment	8	7	7	7	7	9	9	9	9	9
Other Water Treatment	1	1	1	3	3	4	4	1	1	1
SAN FERNANDO VALLEY										
Pumping Stations	38	38	38	38	38	40	40	40	40	42
Groundwater Stations	10	10	10	10	10	10	10	10	10	10
Wells	91	91	91	92	91	91	90	91	90	90
Miscellaneous Pumping Stations	3	3	3	3	3	3	3	3	3	3
System Disinfection	11	14	14	16	18	18	18	16	16	16
Reservoir Treatment	1	1	2	1	2	3	3	3	3	3
Other Water Treatment	1	1	1	1	0	1	2	2	1	1
HARBOR										
Pumping Stations	8	8	8	8	8	8	8	8	8	8
Groundwater Stations	1	1	1	1	1	1	1	1	1	1
Wells	3	3	3	3	3	3	3	3	3	3
System Disinfection	2	2	3	3	3	3	3	3	3	3
Other Water Treatment	1	1	1	2	1	1	1	1	1	1
OWENS VALLEY										
Wells	80	80	78	82	82	84	86	84	83	83
SUMMARY										
Pumping Stations	84	84	85	85	85	87	86	86	87	91
Groundwater Stations	16	16	16	16	16	16	16	16	16	16
Wells	198	198	196	201	200	202	203	202	200	196
Miscellaneous Pumping Stations	4	4	4	4	4	4	4	4	4	4
System Disinfection	27	30	35	36	39	40	40	41	40	40
Reservoir Treatment	9	8	9	8	9	12	12	12	12	12
Other Water Treatment	3	3	3	6	4	6	7	4	3	3

TOTAL ANNUAL WATER SALES

CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM

AMOUNT FOR YEARS ENDING JUNE 30

CLASS OF CUSTOMER	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
RESIDENTIAL										
Customers	484,548	492,150	508,511	516,247	520,154	520,190	517,837	515,919	515,558	518,309
Units	93,983,813	104,043,152	109,542,889	105,771,588	102,962,413	87,617,245	114,163,087	122,460,017	114,009,775	114,053,909
Revenue	$60,588,233	$59,847,329	$57,669,575	$55,557,523	$54,678,278	$46,169,755	$48,732,776	$47,995,784	$44,070,982	$43,245,807
COMMERCIAL AND INDUSTRIAL										
Customers	141,763	132,593	115,537	104,988	93,300	86,997	86,549	86,626	89,599	90,781
Units	125,295,132	121,783,506	116,732,675	108,910,581	99,516,152	88,591,585	100,585,111	99,490,074	97,058,157	95,445,222
Revenue	$81,548,775	$66,543,645	$52,295,287	$48,988,714	$45,109,556	$42,458,886	$39,011,692	$34,928,772	$29,798,538	$28,949,901
GOVERNMENTAL										
Customers	5,630	5,621	5,671	5,666	5,572	5,471	5,397	5,266	5,142	5,148
Units	15,968,973	17,677,083	18,802,957	17,377,999	16,361,372	14,257,144	19,491,082	20,007,479	17,331,516	18,158,752
Revenue	$8,938,173	$8,258,303	$7,336,443	$6,825,373	$6,552,112	$5,715,751	$6,198,719	$5,443,135	$4,441,686	$4,364,146
INTERMITTENT IRRIGATION AND COMBINED IRRIGATION AND RESIDENTIAL										
Customers	28	39	41	35	150	221	251	350	280	296
Units	646,730	760,070	979,121	977,553	1,415,631	1,361,479	1,830,913	2,206,695	1,781,449	2,052,908
Revenue	$221,670	$229,935	$203,133	$192,429	$322,183	$315,806	$342,038	$352,623	$267,206	$280,684
ALL CLASSES COMBINED										
Customers	631,969	630,403	629,760	626,936	619,176	612,879	610,034	608,161	610,579	614,534
Units	235,894,648	244,263,811	246,057,642	233,037,721	220,255,568	191,827,453	236,070,193	244,164,265	230,180,897	229,710,791
Revenue	$151,296,851	$134,879,212	$117,504,438	$111,564,039	$106,662,129	$94,660,198	$94,285,225	$88,720,314	$78,578,412	$76,840,538

NOTE: "Unit" is the billing unit of 100 cubic feet.

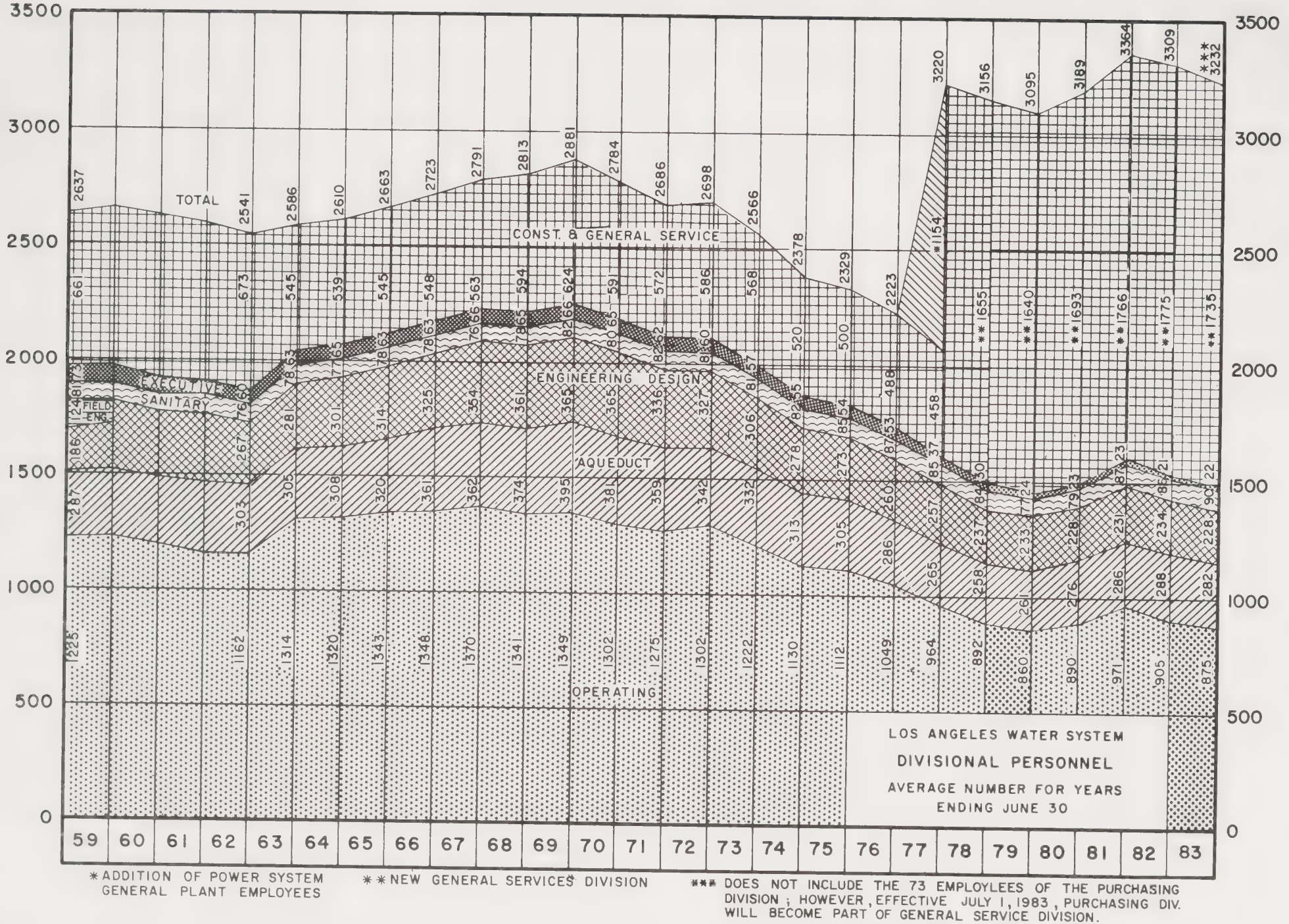
AVERAGE MONTHLY WATER SALES PER CUSTOMER

CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - WATER SYSTEM

AVERAGE AMOUNT PER MONTH FOR YEARS ENDING JUNE 30

CLASS OF CUSTOMER	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
RESIDENTIAL										
Units Per Customer	16.2	17.6	17.9	17.1	16.5	14.0	18.4	19.8	18.4	18.3
Revenue Per Customer	$ 10.42	$ 10.13	$ 9.43	$ 8.97	$ 8.76	$ 7.40	$ 7.84	$ 7.75	$ 7.12	$ 6.95
Average rate per unit	$ .6447	$ .5752	$ .5264	$ .5253	$ .5309	$ .5270	$ .4269	$ .3919	$ .3866	$ .3792
COMMERCIAL AND INDUSTRIAL										
Units Per Customer	73.65	76.5	84.1	86.4	88.9	84.9	96.9	95.7	90.3	87.6
Revenue Per Customer	$ 47.94	$ 41.82	$ 37.72	$ 38.88	$ 40.29	$ 40.67	$ 37.56	$ 33.60	$ 27.71	$ 26.57
Average Rate Per Unit	$ .6509	$ .5464	$ .4480	$ .4500	$ .4532	$ .4793	$ .3878	$ .3511	$ .3070	$ .3033
GOVERNMENTAL										
Units Per Customer	236.4	262.1	276.3	255.6	244.7	217.2	301.0	316.6	280.9	293.9
Revenue Per Customer	$132.30	$122.43	$107.81	$100.38	$ 97.99	$ 87.06	$ 95.71	$ 86.14	$ 71.98	$ 70.64
Average Rate Per Unit	$ .5597	$ .4672	$ .3901	$ .3927	$ .4004	$ .4009	$ .3180	$ .2721	$ .2563	$ .2403
INTERMITTENT IRRIGATION AND COMBINED IRRIGATION AND RESIDENTIAL										
Units Per Customer	1924.8	1624.1	1990.1	2327.5	786.5	513.4	607.9	525.4	530.2	578.0
Revenue Per Customer	$659.73	$491.31	$412.87	$458.16	$178.99	$119.08	$113.56	$ 83.96	$ 79.53	$ 79.02
Average Rate Per Unit	$ .3428	$ .3025	$ .2074	$ .1969	$ .2276	$ .2319	$ .1868	$ .1598	$ .1500	$ .1367
ALL CLASSES COMBINED										
Units Per Customer	31.1	32.3	32.5	31.0	29.6	26.1	32.3	33.5	31.4	31.1
Revenue Per Customer	$ 19.95	$ 17.83	$ 15.55	$ 14.83	$ 14.36	$ 12.87	$ 12.88	$ 12.16	$ 10.74	$ 10.42
Average Rate Per Unit	$ .6414	$ .5522	$ .4775	$ .4783	$ .4845	$ .4935	$ .3994	$ .3634	$ .3414	$ .3345

NOTE: "Unit" is the billing unit of 100 cubic feet.


LOS ANGELES WATER SYSTEM
DIVISIONAL PERSONNEL
AVERAGE NUMBER FOR YEARS ENDING JUNE 30
TOTAL
CONST. & GENERAL SERVICE
ENGINEERING DESIGN
AQUEDUCT
OPERATING
EXECUTIVE
SANITARY
FIELD ENG.
59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83

*ADDITION OF POWER SYSTEM GENERAL PLANT EMPLOYEES

**NEW GENERAL SERVICES DIVISION

*** DOES NOT INCLUDE THE 73 EMPLOYLEES OF THE PURCHASING DIVISION ; HOWEVER , EFFECTIVE JULY 1, 1983 , PURCHASING DIV. WILL BECOME PART OF GENERAL SERVICE DIVISION.

DEPARTMENT OF WATER AND POWER - CITY OF LOS ANGELES

WATER SYSTEM

COMPARATIVE STATISTICS FOR TEN YEARS ENDED JUNE 30, 1983

	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
Operating revenues	$155,923,480	$139,310,385	$121,924,770	$115,999,000	$111,092,757	$ 98,693,960	$ 97,835,284	$ 92,100,783	$ 81,670,488	$ 79,892,135
Operating expenses (less depreciation)	$ 98,952,567	$101,610,118	$ 84,531,193	$ 72,829,360	$ 66,359,665	$ 68,781,406	$ 63,419,539	$ 59,049,795	$ 54,377,173	$ 47,738,285
Percent of operating revenues	63.5	72.9	69.3	62.8	59.7	69.7	64.8	64.1	66.6	59.8
Depreciation	19,851,123	18,988,104	17,627,918	17,266,030	16,662,871	16,101,291	14,798,745	13,922,799	13,436,431	12,986,941
Percent of operating revenues	12.7	13.6	14.5	14.9	15.0	16.3	15.1	15.1	16.5	16.3
Long-term debt expense	15,391,757	13,054,912	12,972,000	13,540,844	14,032,345	14,426,706	12,315,479	11,686,194	11,061,099	10,971,832
Percent of operating revenues	9.9	9.4	10.6	11.7	12.6	14.6	12.6	12.7	13.5	13.7
Other income and expenses	3,572,365	4,467,359	3,069,362	3,868,776	8,824,242	2,796,513	3,376,849	1,898,775	2,002,427	2,390,443
Net income	$ 25,300,398	$ 10,124,610	$ 9,863,021	$ 16,231,542	$ 22,862,118**	$ 2,181,070	$ 10,678,370	$ 9,340,770	$ 4,798,212	$ 10,585,520
Taxes (included in operating expenses)	2,112,916	2,957,371	3,068,240	2,332,077	2,295,826	3,952,279	3,773,015	3,640,487	3,188,362	3,069,717
Percent of operating revenue	1.4	2.1	2.5	2.0	2.1	4.0	3.9	4.0	3.9	3.8
Maintenance (included in operating expenses)	24,583,827	28,283,397	22,675,871	20,744,340	17,534,505	15,709,548	15,661,961	15,307,989	14,128,507	13,078,142
Percent of operating revenues	15.8	20.3	18.6	17.9	15.8	15.9	16.0	16.6	17.3	16.4
Plant in service, excluding land	1,050,083,293	993,424,930	952,005,109	910,173,200	879,510,438	851,125,902	828,733,967	755,589,064	733,545,695	710,231,159
Accumulative provision for depreciation	382,399,593	361,499,881	342,640,516	326,614,503	308,873,387	292,712,372	276,887,133	263,648,729	251,484,434	237,515,951
Percent of plant in service	36.4	36.4	36.0	35.9	35.1	34.4	33.4	34.9	34.3	33.4
Net plant in service	$667,683,700	$631,925,049	$609,364,593	$583,558,697	$570,637,051	$558,413,530	$551,846,834	$491,940,335	$482,061,261	$472,715,208
Land	59,047,145	59,048,145	59,050,541	57,449,601	57,602,597	46,952,219	47,329,049	46,705,921	46,696,382	46,654,807
Construction work in progress	34,309,485	36,756,230	22,200,862	15,506,669	14,123,835	25,643,143	20,176,200	66,145,428	37,192,775	27,676,823
Net utility plant	$761,040,330	$727,729,424	$690,615,996	$656,514,967	$642,363,482	$631,008,892	$619,352,083	$604,791,684	$565,950,418	$547,046,838
Long-term debt	284,504,336	257,644,142	250,502,335	262,955,311	273,202,919	283,630,527	293,758,135	303,740,742	278,825,928	257,565,000
Percent of net utility plant	37.4	35.4	36.3	40.1	42.5	44.9	47.4	50.2	49.3	47.1
Contributions in aid of construction	250,049,264	238,987,285	226,843,005	215,449,701	204,468,954	189,903,355	171,642,347	136,799,709	129,925,624	125,576,800
Retained income	253,673,111	235,338,713	231,310,103	230,347,082	219,670,540	196,808,422	199,519,352	193,445,982	188,189,212	187,386,000
Payments to reserve fund of the City	6,996,000	6,096,000	5,800,000	5,555,000	--	4,892,000	4,605,000	4,084,000	3,995,000	3,970,000

** Includes $4,784,000 proceeds from Water Rights Settlement

POWER SYSTEM

GENERATION - NUMBER OF UNITS AND NAMEPLATE CAPACITY

City of Los Angeles - Department of Water and Power - Power System

As of June 30

POWER PLANTS - HYDROELECTRIC	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
Number of Units										
Aqueduct	10	10	10	12	12	12	12	12	12	12
Castaic	7	7	7	7	7	6	4	3	3	2
Hoover	6	6	6	6	6	6	6	6	6	6
Owens Gorge	3	3	3	3	3	3	3	3	3	3
Owens Valley System	7	7	7	7	7	7	7	7	7	7
Total	33	33	33	35	35	34	32	31	31	30
Capacity (kw)										
Aqueduct	99,975	99,975	99,975	118,725	118,725	118,725	118,725	118,725	118,725	118,725
Castaic	1,331,000	1,331,000	1,331,000	1,331,000	1,331,000	1,118,500	693,500	481,000	481,000	268,500
Hoover	495,000	495,000	495,000	495,000	495,000	495,000	495,000	495,000	495,000	495,000
Owens Gorge	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500
Owens Valley System	14,100	14,100	14,100	14,100	14,100	14,100(3)	14,100	14,100	14,100	14,100
Total	2,052,575	2,052,575	2,052,575*	2,071,325	2,071,325	1,858,825	1,433,825	1,221,325	1,221,325	1,008,825
GENERATING STATIONS - OIL & GAS FIRED										
Number of Units										
Harbor	9	9	9	9	9	9	9	9	9	9
Valley	4	4	4	4	4	4	4	4	4	4
Scattergood	3	3	3	3	3	3	3	3	3	2
Haynes	6	6	6	6	6	6	6	6	6	6
Total	22	22	22	22	22	22	22	22	22	21
Capacity (kw)										
Harbor	483,220	483,220	483,220	483,220	483,220	483,220(3)	483,220	483,220	483,220	483,220
Valley	545,600	545,600	545,600	545,600	545,600	545,600	545,600	545,600	545,600	545,600
Scattergood	823,200	823,200	823,200	823,200	823,200	823,200	823,200	823,200	823,200	326,400
Haynes	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000	1,606,000
Total	3,458,020	3,458,020	3,458,020	3,458,020	3,458,020	3,458,020	3,458,020	3,458,020	3,458,020	2,961,220
TOTAL										
Number of Units	55	55	55	57	57	56	54	53	53	51
Capacity (kw)	5,510,595	5,510,595	5,510,595	5,529,345	5,529,345	5,316,845	4,891,845	4,679,345	4,679,345	3,970,045
JOINTLY OWNED GENERATING STATIONS - COAL FIRED										
Number of Units										
Mohave (1)	2	2	2	2	2	2	2	2	2	2
Navajo (2)	3	3	3	3	3	3	3	3	2	1
Coronado (3)	2	2	2	1						
Capacity										
Mohave (1)	1,636,000	1,636,000	1,636,000	1,636,000	1,636,000	1,636,000	1,636,000	1,636,000	1,636,000	1,636,000
Navajo (2)	2,250,000	2,250,000	2,250,000	2,250,000	2,250,000	2,250,000	2,250,000	2,250,000	1,500,000	750,000
Coronado (3)	700,000	700,000	700,000	350,000						

(1) Department's ownership is 20%, or 316,000 kw. Operating agent is the Southern California Edison Company.
(2) Department's ownership is 21.2%, or 550,000 kw. Operating agent is the Salt River Project.
(3) Department's ownership is 30%, or 210,000 kw. Operating agent is the Salt River Project.

GENERATION - NET SYSTEM CAPABILITY IN MEGAWATTS

City of Los Angeles - Department of Water and Power - Power System

As of June 30

POWER PLANTS - HYDROELECTRIC	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
Aqueduct	74	74	74	74	74	74	74	74	74	73
Hoover	511	511	511	511	511	511	511	553	553	553
Owens Gorge	110	110	110	110	110	110	110	110	110	110
Owens Valley System	9	9	9	9	9	9	9	9	9	9
Castaic	1,247	1,247	1,247	1,247	1,247	1,099	770	535	535	228
Total	1,951	1,951	1,951	1,951	1,951	1,803	1,474	1,281	1,281	973
GENERATING STATIONS - OIL & GAS FIRED										
Harbor	449	473	473	473	473	511	511	515	515	525
Valley	526	519	519	519	519	526	526	533	533	527
Scattergood (1)	642	642	642	642	642	642	642	667	667	358
Haynes	1,573	1,573	1,583	1,583	1,583	1,589	1,589	1,589	1,589	1,547
Total	3,190	3,207	3,217	3,217	3,217	3,268	3,268	3,304	3,304	2,957
TOTAL										
Capacity	5,141	5,158	5,168	5,168	5,168	5,071	4,742	4,585	4,585	3,930
JOINTLY OWNED GENERATING STATIONS - COAL FIRED										
Mohave	316	316	316	316	316	316	316	316	316	316
Navajo (2)	550	550	550	550	550	550	550	550	318	159
Coronado	210	210	210	205(3)	-	-	-	-	-	-
FIRM PURCHASES										
BPA	525	525	525	525	525	525	525	525	525	525
Tucson	73	-	-	-	-	-	-	-	-	-
Total	598	525	525	525	525	525	525	525	525	525
FIRM TRANSFER										
State's Capacity Entitlement	(10)	(10)	(10)	(65.6)	(13)	(40)	(1)	(17)	(125)	(49)
TOTAL POWER SYSTEM										
Net System Capacity	6,805	6,749	6,759	6,698.4	6,546	6,422	6,132	5,959	5,619	4,881
SHORT TERM SALES										
Nevada Power Co.	0	(180)	(180)	(120)	(100)	(75)	(75)	-	(75)	(75)
Pacific Gas & Electric Co.	(50)	(650)(4)	-	(350)	(300)	-	-	-	-	-

(1) Unit 3 can burn only natural gas.
(2) Includes 73 mw of Layoff Power from the Department of the Interior for the period from 1976 to July 1, 1985.
(3) Includes 100 mw of Contingent Power.
(4) Delivery for July 1982; August 1982 Delivery is 150 mw.

TRANSMISSION AND SUBTRANSMISSION CIRCUITS - CIRCUIT MILES

City of Los Angeles - Department of Water and Power - Power System

As of June 30

TRANSMISSION CIRCUITS	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
DWP OWNED										
Overhead										
500 kv	491.31	491.31	491.31	407.18	245.43	245.43	245.43	245.43	245.43	245.43
287.5 kv	395.15	395.15	395.15	395.15*	373.19	554.05	554.05	532.32	532.32	532.32
230 kv	591.54	591.54	591.54	591.54	591.54	591.54	566.93	586.40	555.45	554.62
220 kv -SCE Area	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99	5.99
138 kv	93.92	93.92	93.92	93.92	93.92	93.92	93.94	93.94	93.94	93.94
115 kv - Los Angeles	44.32	44.32	44.34	44.34	44.34	44.34	44.34	44.34	44.34	44.34
115 kv - Owens Valley Area	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Total	1,622.73	1,622.73*	1,622.75*	1,538.62*	1,354.91	1,535.77	1,511.18	1,508.92	1,477.97	1,477.14
Underground										
230 kv	40.57	40.57	40.57	40.57	40.57	37.66	37.66	37.66	35.88	27.05
138 kv	65.40	65.40	65.40	65.40	65.40	65.40	65.40	65.40	65.40	65.40
Total	105.97	105.97	105.97	105.97	105.97	103.06	103.06	103.06	101.28	92.45
Total DWP Owned Transmission Circuits	1,728.70	1,728.70*	1,728.72*	1,644.59*	1,460.88	1,638.83	1,614.24	1,611.98	1,579.25*	1,569.59
JOINTLY OWNED										
Overhead										
800 kv DC	580.52	580.52	580.52	580.52	580.52	580.52	580.52	580.52	580.52	580.52
500 kv	409.59	409.59	409.59	409.59	409.59	409.59	409.59	409.59	409.59*	75.80
Total	990.11	990.11	990.11	990.11	990.11	990.11	990.11	990.11	990.11*	656.32
Total Transmission Circuits	2,718.81	2,718.81*	2,718.83*	2,634.70*	2,450.99*	2,628.94*	2,604.35*	2,602.09*	2,569.36*	2,225.91
Total No. of Transmission Circuits	86	86	86	85	83	83	82	82	80	77
SUBTRANSMISSION CIRCUITS										
Overhead										
34.5 kv - Los Angeles Area	1,130.33	1,129.84	1,127.83	1,127.47	1,127.73	1,124.98	1,131.42	1,138.47	1,151.28	1,154.84
34.5 kv - Owens Valley Area	215.61	215.61	212.74	212.74	212.74	212.74	208.57	208.57	208.73	207.99
34.5 kv - Owens Valley Area (Customer Owned)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81
16.5 kv - Los Angeles Area	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
13.8 kv - Los Angeles Area	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	4.24	4.24
12.0 kv - Owens Valley Area	12.71	12.71	12.71	12.71	12.71	12.71	12.20	12.20	12.20	12.16
Total	1,363.21	1,362.72	1,357.84	1,357.48	1,357.74	1,354.99	1,356.75	1,363.80	1,378.70	1,382.29
Underground										
34.5 kv - Los Angeles Area	750.60	732.40	715.50	694.60	679.60	665.80	647.50	623.60	604.20	604.50
Total Subtransmission Circuits	2,113.81	2,095.12*	2,073.34	2,052.08	2,037.34	2,020.79	2,004.25	1,987.40	1,982.90	1,986.79
Total No. of Subtransmission Circuits	428	423	423	415	411	408	404	402	397	394

SUBSTATIONS AND CUSTOMER STATIONS

City of Los Angeles - Department of Water and Power - Power System

As of June 30

CONVERTER STATIONS		1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
Number - 800 kv d-c to 230 kv a-c (Jointly Owned)		1	1	1	1	1	1	1	1	1	1
SWITCHING STATIONS											
Number											
500 kv	kv-Attended (Jointly Owned)	2	2	2	2	2	2	2	1	1	1
500/287.5/230*	kv-Attended (Jointly Owned)	1	1	1	1	1	1	1	-	-	-
500/287.5	kv-Attended	1	1	1	1	1	1	1	1	1	1
500/230	kv-Attended (Jointly Owned)	1	1	1	1	1	-	-	1	1	1
230	kv-Unattended	1	1	1	1	1	1	1	1	1	1
230/220	kv-Unattended (Jointly Owned)	1	1	1	1	1	1	1	1	1	1
230/115	kv-Unattended	1	1	1	1	1	1	1	1	1	1
230/34.5	kv-Unattended	1	1	1	1	1	1	-	-	-	-
138	kv-Unattended	1	1	1	1	1	1	1	1	1	1
Total		10	10	10	10	10	9	8	7	7	7
RECEIVING STATIONS											
Number		19	19	19	19	19	19	19	19	19	19
Total Transformer Capacity - kva		7,464,000	7,464,000	6,984,000	6,801,000	7,052,500	6,992,500	7,084,000	6,649,000	6,649,000	6,464,000
DISTRIBUTING STATIONS											
Number											
34.5	kv-Attended	-	-	-	-	-	-	-	-	3	5
34.5	kv-Unattended	176	173	171	169	166	165	169	166	157	153
Total		176	173	171	169	166	165	169	166	160	158
Capacity-kva											
34.5	kv-Attended	-	-	-	-	-	-	-	-	120,000	200,000
34.5	kv-Unattended	4,338,694	4,252,761	4,230,261	4,202,011	4,159,637	4,103,137	4,048,619	4,024,119	3,814,796	3,692,796
Total		4,338,694	4,252,761	4,230,261	4,202,011	4,159,637	4,103,137	4,048,619	4,024,119	3,934,796	3,892,796
CUSTOMER STATIONS											
Number of Stations											
DWP Owned	34.5 kv	2,010	1,985	1,938	1,879	1,843	1,822	1,805	1,798	1,768	1,718
Transformer, Customer Owned	34.5 kv	6	6	4	2	2	2	2	2	2	1
Customer Owned	34.5 kv	7	7	7	7	7	6	6	6	6	6
DWP Owned	16.5 kv	4	4	7	8	8	8	8	8	8	8
Transformer, Customer Owned	13.8 kv	-	-	-	-	-	-	-	-	1	1
Customer Owned	13.8 kv	3	3	3	3	3	3	3	2	2	2
DWP Owned	4.8 kv & below	641	625	603	598	596	591	591	591	593	586
Total		2,671	2,630	2,562	2,497	2,459	2,432	2,415	2,407	2,380	2,322
Capacity - kva											
DWP Owned	34.5 kv	3,380,393	3,345,560	3,225,836	3,143,662	3,040,205	3,004,063	2,970,562	2,896,853	2,804,882	2,706,376
Transformer, Customer Owned	34.5 kv	203,850	156,650	129,150	55,150	55,150	55,150	55,150	55,150	55,150	40,150
Customer Owned	34.5 kv	29,675	29,675	29,675	29,675	29,875	26,875	26,875	26,875	26,875	26,875
DWP Owned	16.5 kv	2,850	2,850	2,895	3,645	3,645	3,645	3,645	3,645	3,645	4,095
Transformer, Customer Owned	13.8 kv	-	-	-	-	-	-	-	-	5,010	38,025
Customer Owned	13.8 kv	144,666	144,666	144,666	144,666	144,666	144,666	144,666	144,666	142,666	142,666
DWP Owned	13.8 kv & below	377,629	367,217	353,092	349,733	357,918	353,185	352,933	352,403	351,436	350,510
Total		4,139,063	4,046,618	3,885,314	3,726,531	3,631,459	3,587,584	3,553,831	3,479,592	3,389,664	3,308,697

* 230 kv added to station in 1983

LOW-VOLTAGE DISTRIBUTION SYSTEM

City of Los Angeles - Department of Water and Power - Power System

As of June 30

LOW-VOLTAGE CIRCUITS	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
Number of Primary Feeders (4.8 kv and below)										
Overhead										
Los Angeles Area	1,143	1,136	1,124	1,110	1,093	1,086	1,086	1,081	1,065	1,057
Owens Valley Area	26	25	25	25	25	25	23	23	23	23
Total	1,169	1,161	1,149	1,135	1,118	1,111	1,109	1,104	1,088	1,080
Underground										
Los Angeles Area	316	316	306	302	294	290	277	272	280	271
Total Primary Feeders	1,485	1,477	1,455	1,437	1,412	1,401	1,386	1,376	1,368	1,351
Length of Primary (4.8 kv and below) Feeders - Circuit Miles										
Overhead										
Los Angeles Area	5,801.90	5,779.80	5,764.00	5,749.00	5,732.00	5,709.00	5,715.00	5,720.00	5,762.00	5,769.00
Owens Valley Area	76.59	76.31	76.11	78.07	77.95	74.92	74.72	74.19	74.19	77.98
Total Overhead	5,878.49	5,856.11	5,840.11	5,827.07	5,809.95	5,783.92	5,789.72	5,794.19	5,836.19	5,846.98
Underground										
Los Angeles Area	2,188.70	2,167.10	2,121.10	2,065.90	2,018.70	1,958.00	1,887.40	1,814.90	1,753.80	1,667.40
Total Primary	8,067.19	8,023.21	7,961.21	7,892.97	7,828.65	7,741.92	7,677.12	7,609.09	7,589.99	7,514.38
Length of Secondary Circuits (480,240 & 120v) - Circuit Miles										
Overhead										
Los Angeles Area	3,902.55	3,909.30	3,907.00	3,906.00	3,891.00	3,870.00	3,870.00	3,881.00	3,901.00	3,913.00
Owens Valley Area	111.44	110.00	111.33	111.82	111.85	110.55	110.37	109.89	109.11	114.69
Total Overhead	4,013.99	4,019.30	4,018.33	4,017.82	4,002.85	3,980.55	3,980.37	3,990.89	4,010.11	4,027.69
Underground										
Los Angeles & O.V. Area	855.40	839.40	824.40	806.10	788.60	747.20	731.60	697.30	674.40	660.80
Total Secondary	4,869.39	4,858.7	4,842.73	4,823.92	4,791.45	4,727.75	4,711.97	4,688.19	4,684.51	4,688.49
Total Low-Voltage Circuits - Circuit Miles	12,936.58	12,881.91	12,803.94	12,716.89	12,620.10	12,469.67	12,389.09	12,297.28	12,274.50	12,202.87
Overhead Distribution - Pole Line Miles - L. A. Area	6,088	6,119	6,116	6,128	6,128	6,129	6,148	6,154	6,175	6,194
Underground Distribution - Conduit Miles	2,122.2	2,094.9	2,071	2,019	1,989	1,927	1,906	1,829	1,757	1,697
LOW-VOLTAGE TRANSFORMERS (4.8 kv and below)										
Number										
Overhead System	96,535	96,163	95,742	95,414	94,561	93,769	93,170	92,619	91,769	91,206
Underground System	14,899	14,559*	14,044	13,410	12,788	12,164	11,614	11,045	10,645	10,118
Total	111,434	110,722*	109,786	108,824	107,349	105,933	104,784	103,664	102,414	101,324
Capacity - kva										
Overhead System	3,449,413	3,408,350	3,355,046	3,328,749	3,272,488	3,215,848	3,172,463	3,132,691	3,088,365	3,062,083
Underground System	1,854,195	1,787,785*	1,704,682	1,613,136	1,514,944	1,421,795	1,344,509	1,265,099	1,204,522	1,122,566
Total	5,303,608	5,196,135*	5,059,728	4,941,885	4,787,432	4,637,643	4,516,972	4,397,790	4,292,887	4,184,649
SERVICE METERS										
Number										
Los Angeles Area	1,273,576	1,264,174	1,254,113	1,235,930	1,221,987	1,205,461	1,188,801	1,178,920	1,173,865	1,168,358
Owens Valley Area	4,165	4,137	4,146	4,102	3,996	3,920	3,899	3,818	3,839	3,805
Total	1,277,741	1,268,311	1,258,259	1,240,032	1,225,983	1,209,381	1,192,700	1,182,738	1,177,704	1,172,163
STREETLIGHTS										
Number										
Utilitarian	24,422	24,352	24,342	24,617	25,869	25,960	26,494	26,671	27,135	28,049
Electrolier	206,265	203,544	201,442	199,403	195,844	193,114	190,381	183,818	178,126	168,123
Total	230,687	227,896	225,784	224,020	221,713	219,074	216,875	210,489	205,261	196,172

*Revised

POWER PRODUCTION, SOURCES AND DISPOSITION

City of Los Angeles - Department of Water and Power - Power System

For Years Ending June 30

PRODUCTION FOR DWP CUSTOMERS (NET ENERGY FOR LOAD)	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
Demand - kw (hourly indicated)	4,456,000	4,364,000	4,343,000	4,083,000	4,144,000	3,778,000	3,744,000	3,809,000	3,500,000	3,561,000
Energy - kwh	21,019,326,007	20,691,869,185	20,059,888,233	19,472,553,974	19,543,088,598	18,984,644,888	18,553,185,527	18,328,900,747	17,332,366,415	17,477,021,702
SOURCES - KWH										
Energy Generated at Hoover Power Plant	997,590,797	567,380,932	1,132,383,182	794,658,945	680,908,882	573,728,517	544,050,502	580,981,668	556,841,262	638,874,435
For Boulder City, W.P.R.S., Plant Use and Other Allottees	381,016,203	369,731,768	412,616,818	356,018,055	380,608,118	290,111,483	314,167,498	328,081,332	329,722,738	403,562,565
Total Gross Generation of Los Angeles Units at Hoover Power Plant	1,378,607,000	937,112,700	1,545,000,000	1,150,677,000	1,061,517,000	863,840,000	858,218,000	909,063,000	886,564,000	1,042,437,000
Gross Generation of Castaic Power Plant	1,392,300,000	1,048,966,000	400,255,000	317,508,000	442,876,000	384,437,000	246,429,000	541,961,000	362,637,000	152,204,000
Gross Generation of Aqueduct Power Plants	580,814,000	549,862,400	563,633,000	589,648,000	580,454,500	430,556,000	388,490,000	563,022,100	543,559,900	541,249,000
Gross Generation of Owens Valley Power Plants	763,986,400	651,225,600	663,201,400	667,498,400	651,756,000	362,180,600	451,098,800	641,666,000	607,863,300	634,594,000
Total Hydro Generation	2,737,100,400	2,250,054,000	1,627,089,400	1,574,654,400	1,675,086,500	1,177,173,600	1,086,017,800	1,746,649,100	1,514,060,200	1,328,047,000
Gross Generation at Generating Stations	11,881,610,000	13,900,213,000	16,835,423,000	17,043,379,000	17,148,936,000	16,883,652,000	16,513,128,000	13,962,894,000	13,421,267,000	13,588,378,000
Total Gross Generation	15,997,317,400	17,087,379,700	20,007,512,400	19,768,710,400	19,885,539,500	18,924,665,600	18,457,363,800	16,618,606,100	15,821,891,200	15,958,862,000
Purchased Energy - Total, as billed	5,986,317,000	4,887,533,000	2,093,925,000	2,189,398,000	531,880,000	943,147,000	1,194,923,862	2,997,985,154	2,707,100,219	2,841,514,376
Less Energy Purchased from Municipalities and Nevada Power Co. Included in Output of Hoover Power Plant	-	-	-	-	-	-	-	-	-	-
Total Generated and Purchased	21,983,634,400	21,974,912,700	22,101,437,400	21,958,108,400	20,417,419,500	19,867,812,600	19,652,287,662	19,616,591,254	18,528,991,419	18,800,376,376
Interchange Energy Received	12,183,257,331	11,623,185,082	10,851,662,907	5,413,922,127	6,097,188,620	6,897,076,405	6,248,629,092	6,466,661,000	5,255,599,202	5,549,988,171
System Total	34,166,891,731	33,598,097,782	32,953,100,307	27,372,030,527	26,514,608,120	26,764,889,005	25,900,916,754	26,083,252,254	23,784,590,621	24,350,364,547
DISPOSITION - KWH										
Total Sales to Ultimate Customers	18,053,315,454	18,247,632,179	17,739,819,576	17,689,755,709	17,780,885,344	17,140,084,944	16,813,946,140	16,177,232,245	15,798,351,687	15,986,955,905
Distribution Losses and Selected Misc. System Uses	1,026,927,754	768,248,090	1,234,713,004	793,745,346	980,533,134	920,615,180	834,920,079	1,012,909,020	440,114,567	647,396,968
Total Distribution	19,080,243,208	19,015,880,269	18,974,532,580	18,483,501,055	18,761,418,478	18,060,700,124	17,648,866,219	17,190,141,265	16,238,466,254	16,634,352,873
Sales to Other Utilities	-	-	-	-	-	-	-	-	-	-
Delivered to Interconnected Municipalities (1)	-	-	-	-	-	-	-	-	-	-
Delivered to Customers of Other Util & outside plant use	34,705,497	25,386,829	31,308,303	27,976,219	26,420,077	27,450,396	30,948,402	25,866,999	37,876,000	2,469,111
Total Receiving Station output	19,114,948,705	19,041,267,098	19,005,840,883	18,511,477,274	18,787,838,555	18,088,150,520	17,679,814,621	17,216,008,264	16,276,342,254	16,636,821,984
Station Service to All Power Plants (incl. pumping)	2,052,751,182	1,503,892,586	909,422,618	889,903,599	1,032,702,646	774,712,874	704,557,494	647,917,972	507,198,989	530,964,334
Energy Delivered to Others Directly from Hoover Power Plant and Motoring	106,679,000	77,881,000	91,948,600	127,514,200	143,509,400	147,520,300	136,571,400	155,569,200	165,771,000	240,473,600
Energy Delivered to Other Utilities at Transmission Voltages	10,940,903,698	10,872,117,799	11,848,441,426	6,842,856,704	5,757,076,109	6,800,369,061	6,471,318,679	6,915,461,049	5,739,091,348	6,071,201,679
Transmission Losses	1,951,609,146	2,102,939,299	1,097,446,780	1,000,278,750	793,481,410	954,136,250	908,654,560	1,148,295,769	1,096,187,030	870,902,950
System Total	34,166,891,731	33,598,097,782	32,953,110,307	27,372,030,527	26,514,608,120	26,764,889,005	25,900,916,754	26,083,252,254	23,784,590,621	24,350,364,547

(1) Reflects Pasadena only from 1970 to 1973. Burbank and Glendale deliveries are considered to be at transmission voltages.

SALES OF ELECTRIC ENERGY

CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - POWER SYSTEM
FOR YEAR ENDING JUNE 30:

	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
LOS ANGELES CITY AREA										
RESIDENTIAL										
Customers	1,050,073	1,041,507	1,034,736	1,023,959	1,009,869	992,840	974,879	964,212	957,052	954,443
Kilowatt-Hours	4,947,713,049	5,007,949,526	4,797,254,034	4,841,736,273	4,910,187,527	4,612,413,514	4,556,515,246	4,447,267,846	4,392,779,664	4,295,469,114
Revenue	$ 305,303,851	$ 326,806,292	$ 312,743,250	$ 288,798,294	$ 249,753,090	$ 222,245,663	$ 189,145,611	$ 171,685,323	$ 152,891,606	$ 129,515,635
COMMERCIAL AND INDUSTRIAL										
Commercial (Inc. Governmental)										
Customers	152,385	150,281	147,396	143,932	134,905	128,428	126,957	127,354	134,912	142,048
Kilowatt-Hours	8,759,364,649	8,643,250,888	8,423,508,586	8,263,497,223	8,257,313,996	8,025,357,673	7,932,151,207	7,537,058,722	7,221,049,029	7,887,134,048
Revenue	$ 530,810,778	$ 555,544,969	$ 518,166,761	$ 419,913,413	$ 350,126,728	$ 322,165,856	$ 267,228,446	$ 231,579,614	$ 197,529,466	$ 174,233,133
Industrial										
Customers	20,975	21,546	22,117	22,253	20,876	19,481	19,064	17,772	16,715	14,061
Kilowatt-Hours	3,973,343,957	4,073,834,708	4,009,024,787	4,088,621,537	4,120,047,002	3,968,844,796	3,846,689,323	3,697,877,888	3,719,192,867	3,348,849,719
Revenue	$ 224,762,191	$ 246,371,670	$ 232,204,216	$ 188,071,841	$ 151,588,520	$ 136,655,531	$ 109,182,495	$ 96,156,959	$ 80,006,145	$ 58,873,235
Total Commercial & Industrial										
Customers	173,360	171,827	169,514	166,185	155,781	147,909	146,021	145,126	151,627	156,109
Kilowatt-Hours	12,732,708,606	12,717,085,596	12,432,533,373	12,352,118,760	12,377,360,998	11,994,202,469	11,778,840,530	11,234,936,610	10,940,241,896	11,235,983,767
Revenue	$ 755,572,968	$ 801,916,639	$ 750,370,977	$ 607,985,254	$ 501,715,248	$ 458,821,387	$ 376,410,941	$ 327,736,573	$ 277,535,611	$ 233,106,368
PUBLIC STREET & HIGHWAY LIGHTING										
Kilowatt-Hours	342,610,699	349,095,606	347,372,998	342,447,531	343,158,788	343,704,691	335,450,876	322,645,587	316,249,928	313,410,643
Revenue	$ 21,779,579	$ 23,419,186	$ 23,653,658	$ 21,968,546	$ 20,099,690	$ 20,262,223	$ 17,269,930	$ 15,686,074	$ 13,484,079	$ 11,785,057
SALES TO WATER SYSTEM										
Kilowatt-Hours	96,540,224	117,436,930	101,412,729	94,049,861	89,441,671	96,818,784	118,547,624	113,837,507	92,484,293	86,164,287
Revenue	$ 5,699,615	$ 7,271,893	$ 5,935,257	$ 4,439,419	$ 3,458,592	$ 3,554,886	$ 3,364,935	$ 2,850,967	$ 2,152,597	$ 1,608,130
TOTAL SALES TO ULTIMATE CUSTOMERS										
Customers	1,229,379	1,217,812	1,210,339	1,195,967	1,171,333	1,146,301	1,126,373	1,114,729	1,113,935	1,115,918
Kilowatt-Hours	18,119,572,578	18,191,567,658	17,678,564,134	17,630,352,425	17,720,148,984	7,047,139,458	16,789,354,276	16,118,687,550	15,741,755,761	15,931,027,811
Revenue	$1,088,356,013	$1,159,414,011	$1,092,703,142	$ 923,191,513	$ 775,026,620	$ 704,884,159	$ 586,191,417	$ 517,958,937	$ 446,063,893	$ 376,015,190
INYO-MONO AREA										
TOTAL SALES TO ULTIMATE CUSTOMERS										
Customers	4,057	4,044	4,073	3,985	3,918	3,810	3,801	3,756	3,699	3,659
Kilowatt-Hours	59,104,311	56,064,521	61,255,442	59,403,284	60,736,360	60,033,086	57,504,264	58,544,695	56,595,926	55,928,094
Revenue	$ 3,554,087	$ 3,640,113	$ 3,888,538	$ 3,356,993	$ 2,959,542	$ 2,689,965	$ 2,241,882	$ 2,084,990	$ 1,811,485	$ 1,573,049
ENTIRE POWER SYSTEM										
TOTAL SALES TO ULTIMATE CUSTOMERS										
Customers	1,233,437	1,221,857	1,214,413	1,199,952	1,175,251	1,150,111	1,130,174	1,118,485	1,117,634	1,119,577
Kilowatt-Hours	18,178,676,889	18,247,632,179	17,739,819,576	17,689,755,709	17,780,885,344	17,107,172,544	16,846,858,540	16,177,232,245	15,798,351,687	15,986,955,905
Revenue	$1,091,910,100	$1,163,054,124	$1,096,591,679	$ 926,548,506	$ 777,986,162	$ 707,574,124	$ 588,433,299	$ 520,043,927	$ 447,875,378	$ 377,588,239
TOTAL SALES (Incl. Sales to Other Elec. Util.)										
Kilowatt-Hours	18,663,114,487	19,212,563,809	18,738,517,373	18,082,133,216	18,182,253,399	17,418,147,763	17,337,303,980	16,719,764,912	16,267,803,937	16,372,503,560
Revenue	$1,100,484,430	$1,189,387,990	$1,139,272,315	$ 931,378,437	$ 781,348,407	$ 711,098,557	$ 595,472,726	$ 522,455,939	$ 450,228,244	$ 379,031,731

Budget, Financial Planning
& Rates Section
Finance and Accounting System

ENERGY USED AND REVENUE PER CUSTOMER -&- AVERAGE RATE PER KILOWATT-HOUR
(Per Customer Figures Based on Average Active Accounts)

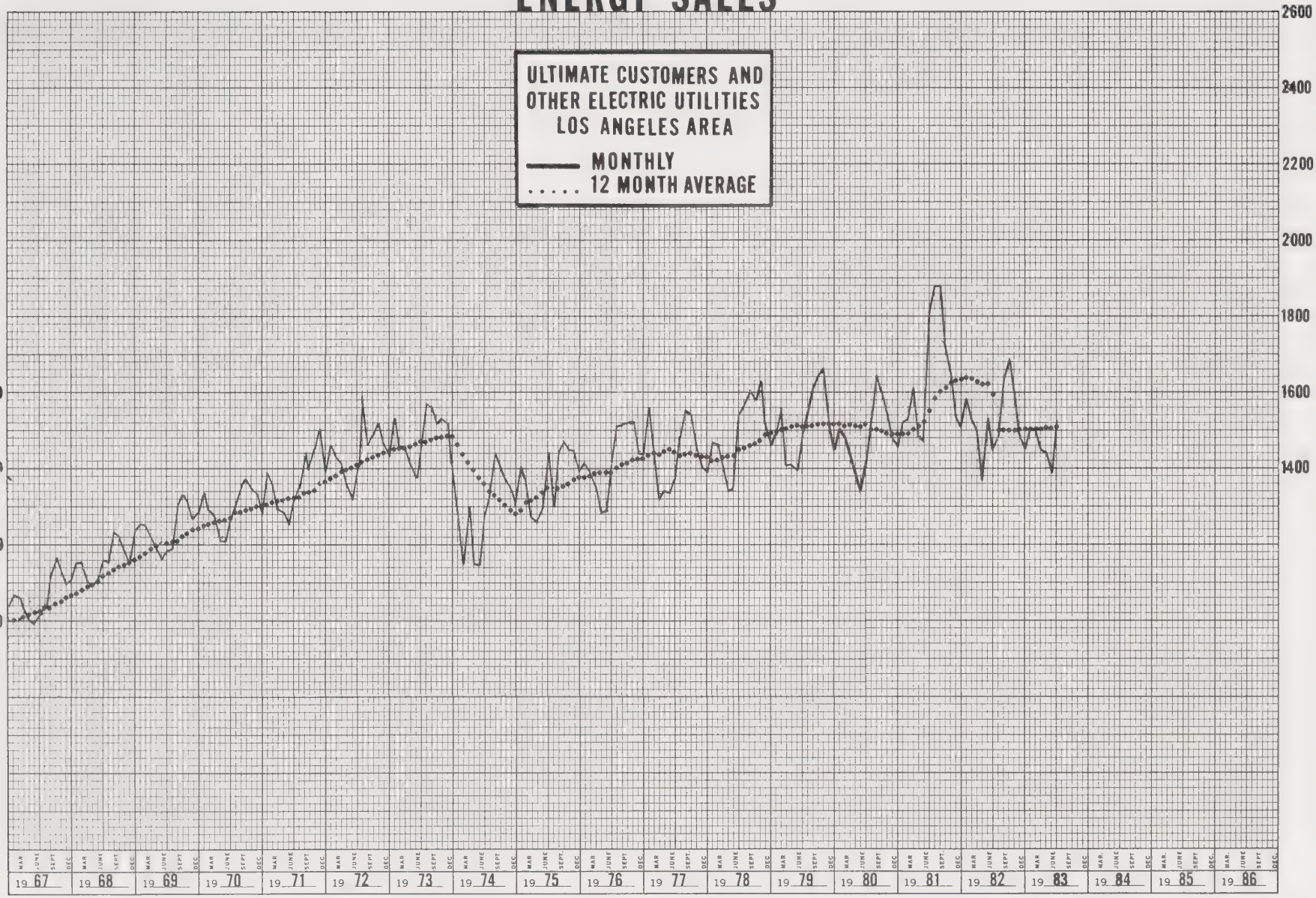
CITY OF LOS ANGELES - DEPARTMENT OF WATER AND POWER - POWER SYSTEM

AVERAGE MONTHLY AMOUNT - FOR YEAR ENDING JUNE 30:

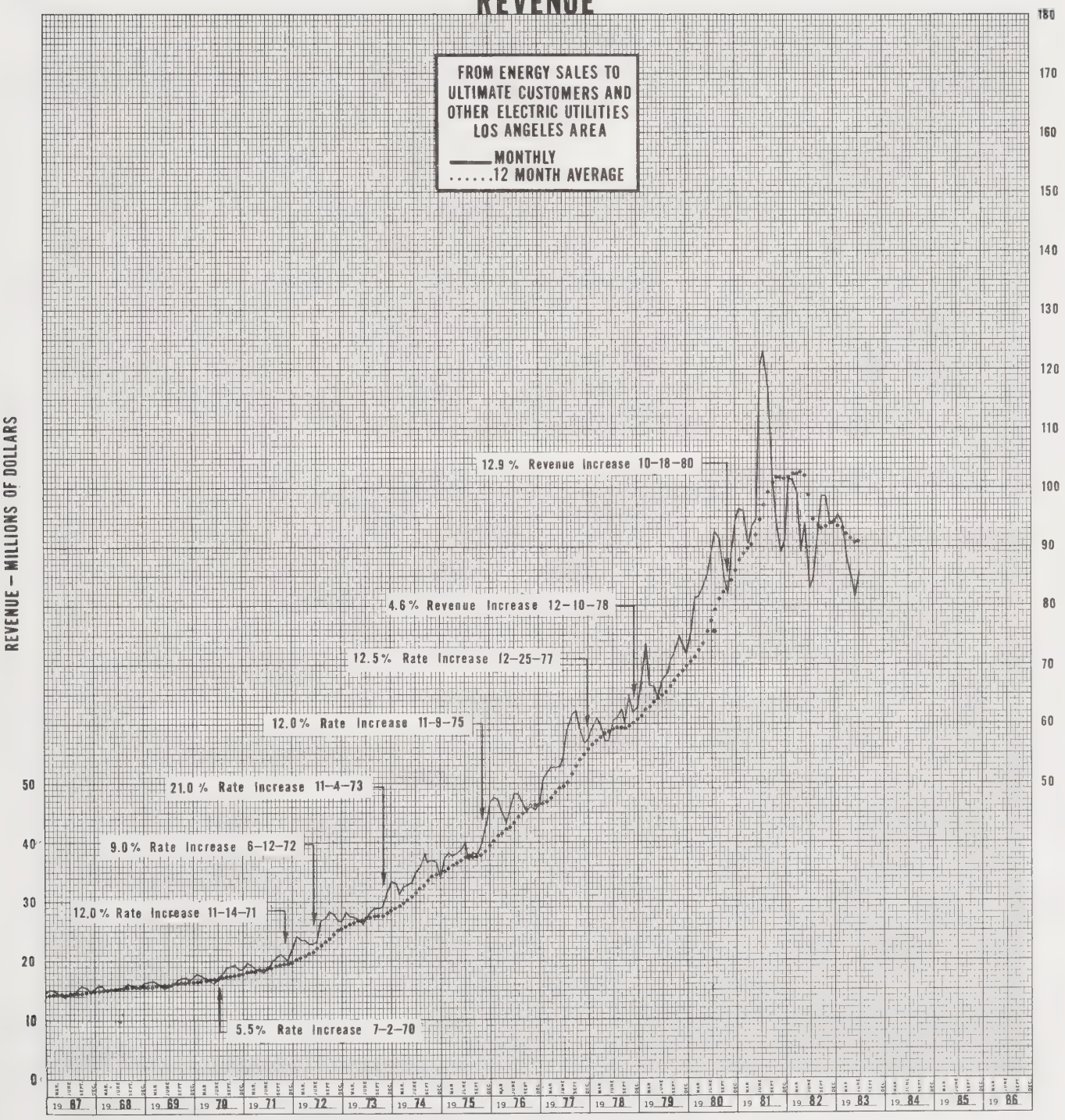
	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
LOS ANGELES CITY AREA										
RESIDENTIAL										
Kwh Per Customer	363.8	400.7	386.3	394.0	405.2	387.1	389.5	384.4	382.5	375.0
Revenue Per Customer	$ 21.06	26.15	$ 25.19	$ 23.50	$ 20.61	$ 18.65	$ 16.17	$ 14.87	$ 13.31	$ 11.31
Average Rate Per Kwh	5.79¢	6.53¢	6.52¢	5.96¢	5.09¢	4.82¢	4.15¢	3.86¢	3.48¢	3.02¢
COMMERCIAL AND INDUSTRIAL										
Commercial (Incl. Governmental)										
Kwh Per Customer	4,711.7	4,792.8	4,762.4	4,784.4	5,100.7	5,207.4	5,206.6	4,931.8	4,460.3	4,627.0
Revenue Per Customer	$ 268.21	$ 308.06	$ 292.96	$ 243.12	$ 216.28	$ 209.04	$ 175.41	$ 151.54	$ 122.01	$ 102.22
Average Rate Per Kwh	5.69¢	6.43¢	6.15¢	5.08¢	4.24¢	4.01¢	3.37¢	3.07¢	2.74¢	2.21¢
Industrial										
Kwh Per Customer	16,259.4	15,756.3	15,105,4	15,311.1	16,446.5	16,977.4	6,814.8	17,339.4	18,542.2	19,847.2
Revenue Per Customer	$ 858.29	$ 952.89	$ 874.91	$ 704.29	$ 605.09	$ 584.57	$ 477.26	447.99	398.87	348.92
Average Rate Per Kwh	5.28¢	6.05¢	5.79¢	4.60¢	3.68¢	3.44¢	2.84¢	2.60¢	2.15¢	1.76¢
Total Commercial and Industrial										
Kwh Per Customer	6,101.5	6,167.6	6,118.8	6,194.0	6,621.1	6,757.6	6,722.1	6,451.3	6,012.7	5,997.9
Revenue Per Customer	$ 339.23	$ 388.92	$ 368.88	$ 304.87	$ 268.39	$ 258.50	$ 214.82	$ 187.84	$ 152.53	$ 124.44
Average Rate Per Kwh	5.56¢	6.31¢	6.04¢	4.92¢	4.05¢	3.83¢	3.20¢	2.92¢	2.54¢	2.08¢
ENTIRE POWER SYSTEM										
TOTAL SALES TO ULTIMATE CUSTOMERS										
Kwh Per Customer	1,229.0	1,244.5	1,217.2	1,228.5	1,260.7	1,239.3	1,242.1	1,205.0	1,177.6	1,189.7
Revenue Per Customer	$ 69.12	$ 79.32	$ 75.23	$ 64.33	$ 55.14	$ 51.24	$ 43.37	$ 38.71	$ 33.36	$ 28.08
Average Rate Per Customer	5.62¢	6.37¢	6.18¢	5.24¢	4.37¢	4.13¢	3.49¢	3.21¢	2.83¢	2.36¢

Budget, Financial Planning
and Rates Section
Finance and Accounting System

ENERGY SALES

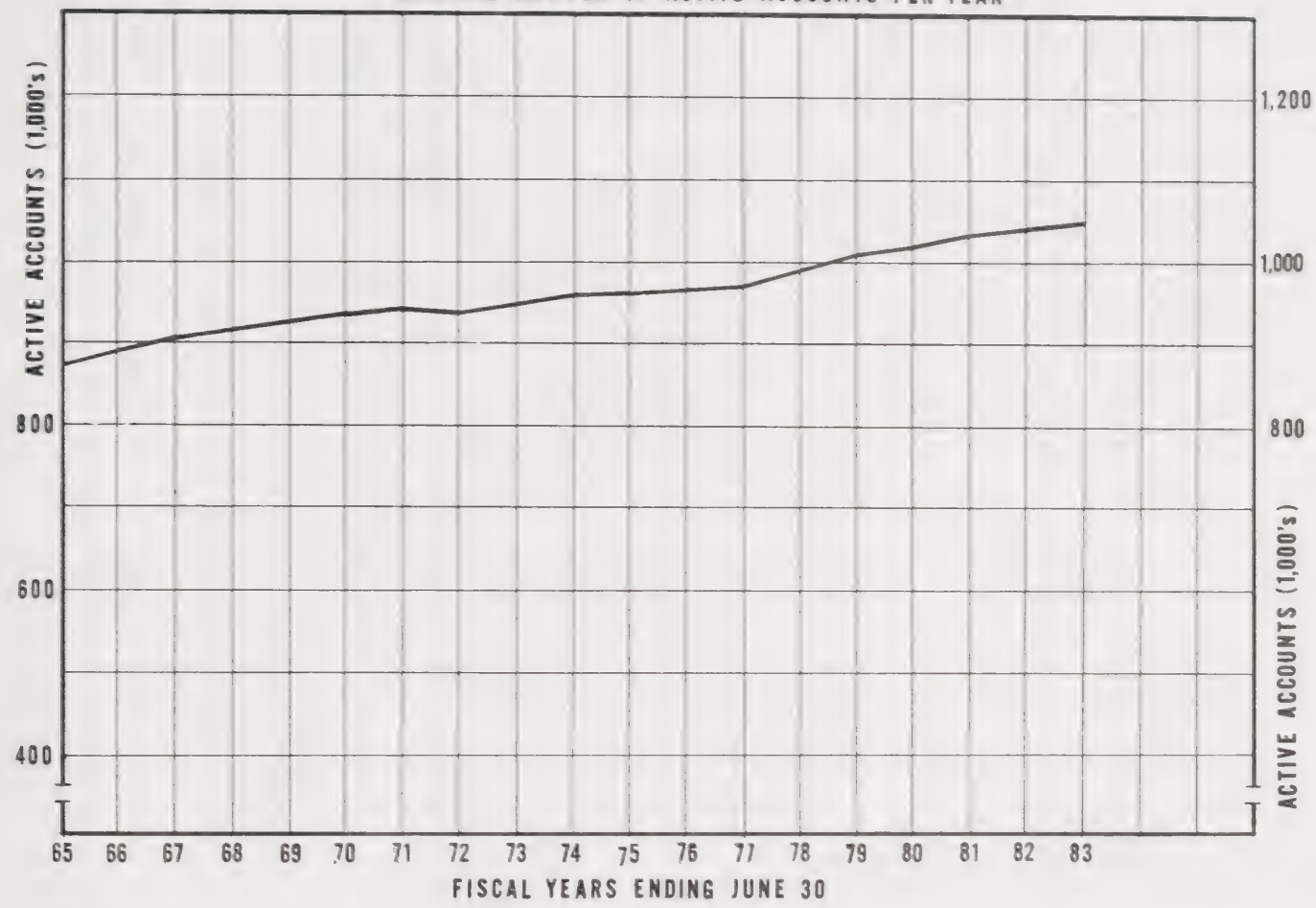


REVENUE


FROM ENERGY SALES TO ULTIMATE CUSTOMERS AND OTHER ELECTRIC UTILITIES LOS ANGELES AREA
——MONTHLY
.....12 MONTH AVERAGE
REVENUE – MILLIONS OF DOLLARS
12.9 % Revenue Increase 10–18–80
4.6 % Revenue Increase 12–10–78
12.5 % Rate Increase 12–25–77
12.0 % Rate Increase 11–9–75
21.0 % Rate Increase 11–4–73
9.0 % Rate Increase 6–12–72
12.0 % Rate Increase 11–14–71
5.5 % Rate Increase 7–2–70
0
10
20
30
40
50
50
60
70
80
90
100
110
120
130
140
150
160
170
180
19 67
19 68
19 69
19 70
19 71
19 72
19 73
19 74
19 75
19 76
19 77
19 78
19 79
19 80
19 81
19 82
19 83
19 84
19 85
19 86

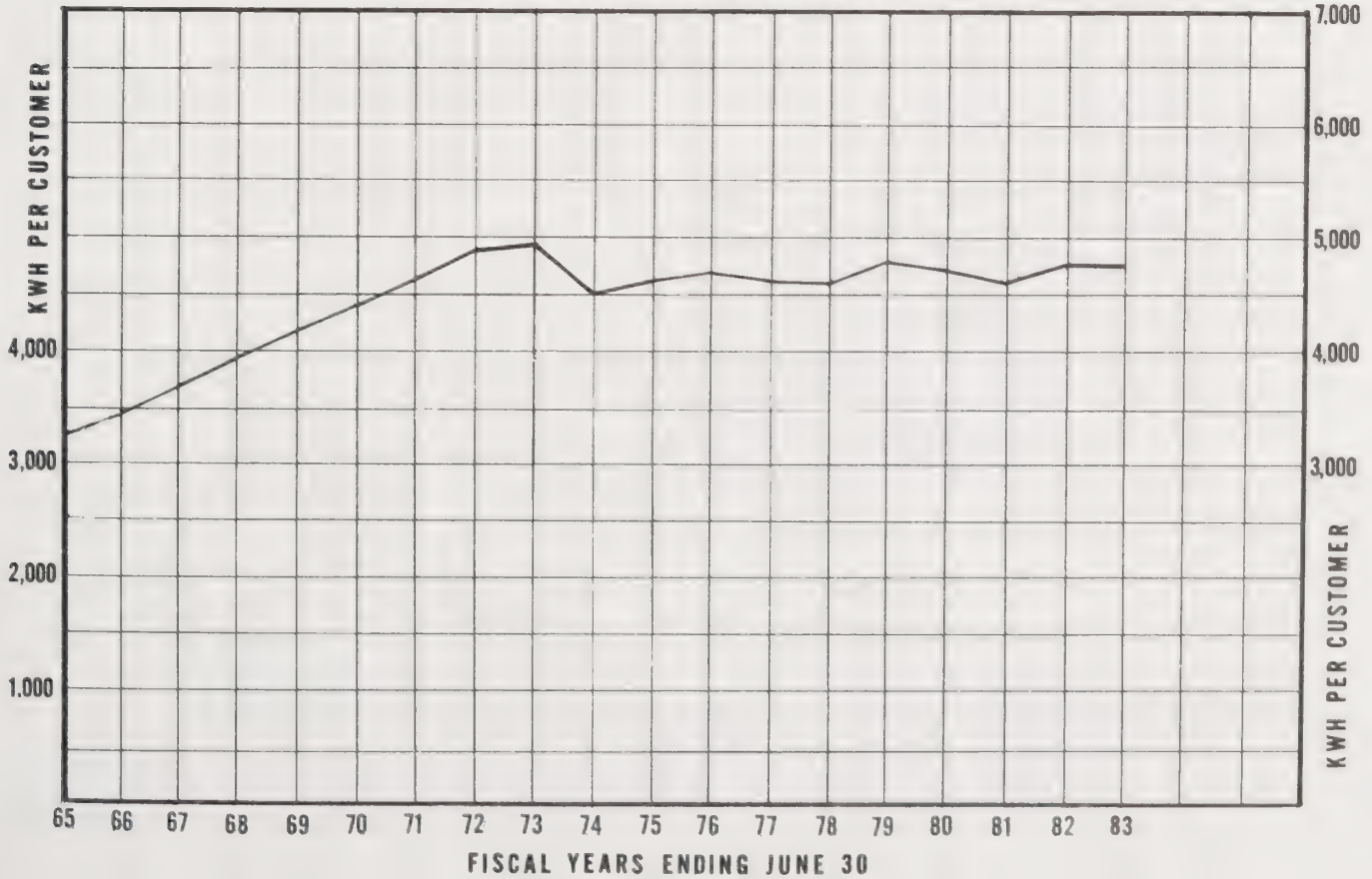
RESIDENTIAL SERVICE-LOS ANGELES AREA

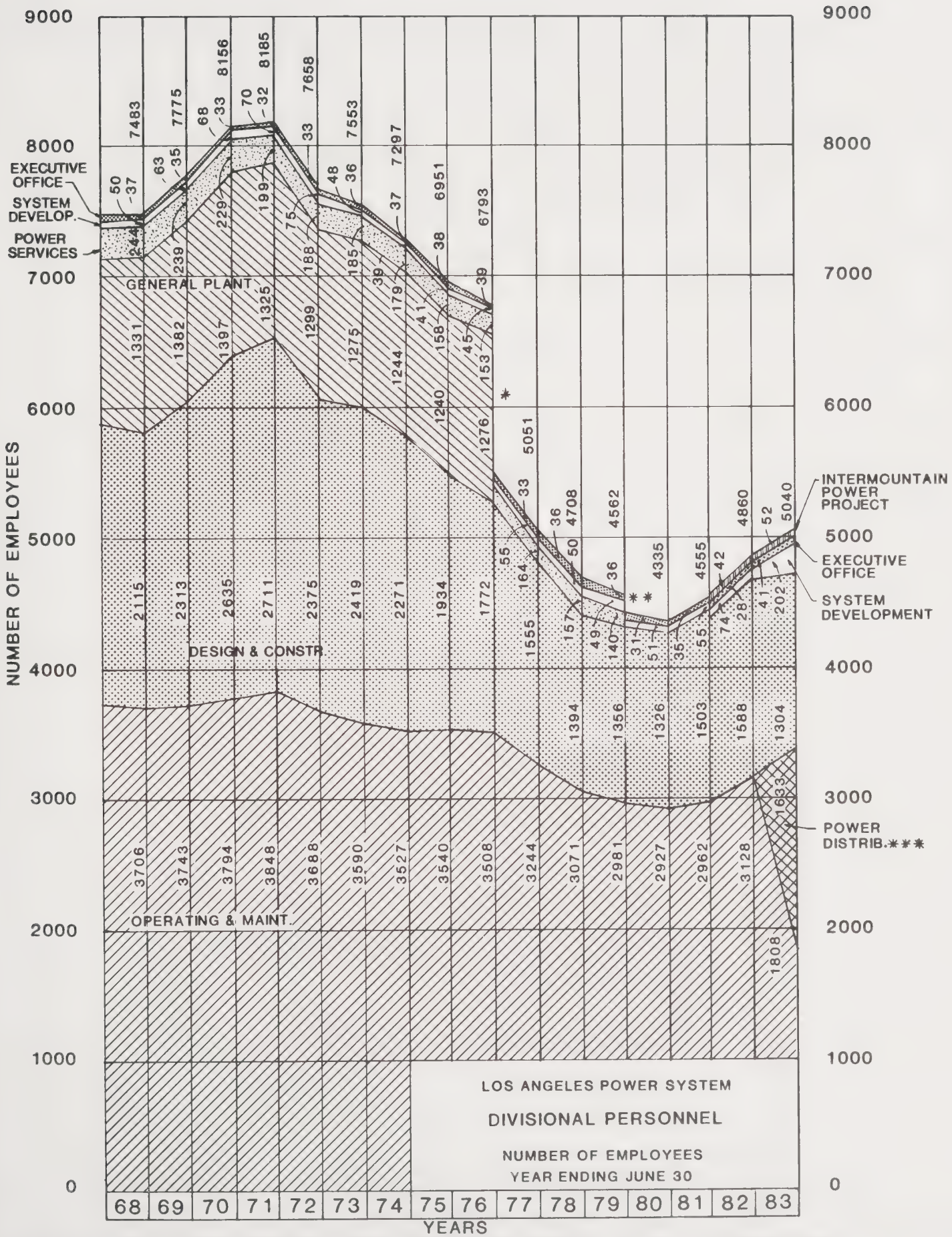
AVERAGE NUMBER OF ACTIVE ACCOUNTS PER YEAR



RESIDENTIAL SERVICE-LOS ANGELES AREA

AVERAGE ENERGY USED PER CUSTOMER PER YEAR





* GENERAL PLANT DIV. REORGANIZED INTO GENERAL SERVICES DIV. UNDER THE WATER SYSTEM IN NOV. 1976.

** POWER SERVICES REORGANIZED INTO CONSERVATION AND CUSTOMER SERVICES.

*** POWER DISTRIBUTION DIVISION ESTABLISHED IN OCT. 1982.

DEPARTMENT OF WATER AND POWER

POWER SYSTEM

COMPARATIVE STATISTICS FOR TEN YEARS ENDED JUNE 30, 1983

	1983	1982	1981	1980	1979	1978	1977	1976	1975	1974
Operating revenues	$1,106,407,836	$1,193,913,018	$1,143,068,561	$ 936,235,118	$ 783,874,700	$ 712,671,085	$ 597,042,782	$ 524,130,033	$ 451,783,053	$ 380,577,796
Operating expenses (less depreciation)	$ 827,440,044	$ 886,289,814	$ 860,682,689	$ 734,661,298	$ 542,197,172	$ 534,933,921	$ 424,438,778	$ 359,360,384	$ 292,008,971	$ 216,603,663*
Percent of operating revenues	74.8	74.2	75.3	78.5	69.2	75.1	71.1	68.4	64.6	56.9
Depreciation	91,673,061	86,663,193	80,618,516	73,387,868	67,048,728	62,393,367	57,945,781	52,976,813	47,937,275	41,192,969
Percent of operating revenues	8.3	7.3	7.1	7.8	8.6	8.8	9.7	10.1	10.6	10.8
Long-term debt expense	98,558,492	100,130,942	94,606,361	76,234,354	69,619,634	65,006,619	56,239,114	48,719,498	43,794,756	32,474,371
Percent of operating revenues	8.9	8.4	8.3	8.1	8.9	9.1	9.4	9.3	9.7	8.5
Other income and expenses	20,332,277	19,469,067	16,070,593	8,879,761	7,967,348	4,357,133	4,377,653	$ 3,987,258	$ 5,503,601	$ 4,057,963
Net income	$ 109,068,516	$ 140,298,136	$ 123,231,588	$ 60,831,359	$ 112,976,514	$ 54,694,311	$ 62,796,762	$ 67,060,596	$ 73,545,652	$ 94,364,756
Taxes (included in operating expenses)	9,257,719	6,880,597	6,961,116	5,255,067	6,617,365	7,168,233	6,952,840	5,925,067	3,404,775	2,771,048
Percent of operating revenue	.8	.6	.6	.6	.8	1.0	1.2	1.1	.8	.7
Maintenance (included in operating expenses)	102,409,853	$ 94,798,561	92,288,764	76,104,122	60,874,159	58,334,670	50,918,682	43,291,523	34,918,177	28,135,160
Percent of operating revenues	9.3	7.9	8.1	8.1	7.8	8.2	8.5	8.3	7.7	7.4
Plant in service, excluding land	3,273,498,591	3,149,757,488	3,035,306,047	2,839,508,378	2,563,988,236	2,412,904,890	2,247,516,137	2,105,754,614	1,952,305,798	1,698,489,555
Accumulative provision for depreciation	925,400,293	845,050,259	770,880,393	709,951,754	644,963,098	586,022,632	530,433,088	482,253,577	442,819,486	406,228,073
Percent of plant in service	28.3	26.8	25.4	25.0	25.2	24.3	23.6	22.9	22.7	23.9
Net plant in service	$2,348,098,298	$2,304,707,229	$2,264,425,654	$2,129,556,624	$1,919,025,138	$1,826,882,258	$1,717,083,049	$1,623,501,037	$1,509,486,312	$1,292,261,482
Land	78,658,411	73,554,669	68,796,077	65,214,620	55,623,463	52,940,095	50,769,302	49,845,190	49,169,913	48,167,220
Construction work in progress	118,860,051	120,569,174	84,740,359	167,116,264	282,975,430	268,340,080	222,532,442	$ 250,666,838	$ 275,467,396	$ 399,089,643
Net utility plant	$2,545,616,760	$2,498,831,072	$2,417,962,090	$2,361,887,508	$2,257,624,031	$2,148,162,433	$1,990,384,793	$1,924,013,065	$1,834,123,621	$1,739,518,345
Long-term debt	1,512,029,249	1,556,985,422	1,599,088,637	1,599,055,686	1,484,080,209	1,417,816,034	1,298,697,933	1,226,811,583	1,158,031,273	1,087,474,000
Percent of net utility plant	59.4	62.3	66.2	67.7	65.7	66.0	65.2	63.8	63.1	62.5
Contributions in aid of construction	59,559,664	54,751,310	47,187,550	40,878,426	38,999,647	34,576,078	32,729,787	31,106,672	29,615,108	27,978,505
Retained income	1,167,258,624	1,117,886,108	1,034,740,972	967,421,384	945,784,025	868,441,511	843,599,200	807,009,438	762,587,842	708,071,190
Payments to reserve fund of the City	59,696,000	57,153,000	46,812,000	39,194,000	35,634,000	29,852,000	26,207,000	22,639,000	19,029,000	16,472,000

* Includes cumulative effect of deferral of incremental fuel costs (Note A to Financial Statements)

U.C. BERKELEY LIBRARIES
C123330860

University of California, Berkeley
Institute of Governmental Studies
Library

Statistical reports, fiscal years
... / Los Angeles Department of
Water and Power.

INSTITUTE OF GOVERNMENTAL STUDIES LIBRARY
109 PHILOSOPHY HALL
UNIVERSITY OF CALIFORNIA
BERKELEY, CA 94720